

JVC

SERVICE MANUAL

LCD FLAT TELEVISION

**LT-26C31BJE, LT-26C31BUE,
LT-26C31SJE, LT-26C31SUE**

BASIC CHASSIS

MK



InterArt
D.I.S.T.
Digital Image Scaling Technology
T-V LINK

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SPECIFICATION

Items		Contents
Dimensions (W × H × D)		70.3 cm × 56.0 cm × 2.6 cm (Included stand) 70.3 cm × 49.1 cm × 9.4 cm (TV only)
Mass		19.0 kg (Included stand) 18.3 kg (TV only)
TV RF System		CCIR B/G, I, D/K, L
Colour System		PAL / SECAM / NTSC 3.58 / NTSC 4.43 (NTSC:EXT only).
Stereo System		A2 (B/G, D/K), NICAM (B/G, I, D/K, L)
Teletext System		FLOF (Fastext), TOP, WST (World Standard System)
Receiving Frequency	VHF UHF CATV	47MHz ~ 470MHz 470MHz ~ 862MHz 116MHz ~ 172MHz / 220MHz ~ 469MHz
Intermediate Frequency	VIF SIF	38.9MHz(B/G, D/K, I) 33.4MHz(5.5MHz:B/G) / 32.9MHz(6.0MHz:I) / 32.4MHz(6.5MHz:L,D/K)
Colour Sub Carrier Frequency	PAL SECAM NTSC	4.43MHz 4.40625MHz / 4.25MHz 3.58MHz / 4.43MHz
Power Input		AC110 - AC240 V, 50 Hz / 60 Hz
Power Consumption		148 W, [Standby: 2.8 W]
Aerial Input		75 Ω unbalanced, coaxial
Screen Size		Viewable area 66 cm (measured diagonally)
Display Resolution		Horizontal : 1280 dots × Vertical : 768 dots (W-XGA)
Speaker		6.6 cm round × 2 (Oblique corn)
Audio Power Output		10 W + 10 W (Rated power output)
EXT-1 (Input/Output)		21 pin Euro connector (SCART socket) Video input, Audio L/R inputs and RGB inputs are available. TV broadcast outputs (Video and Audio L/R) are available.
EXT-2 (Input/Output)		21 pin Euro connector (SCART socket) Video input, S-VIDEO (Y/C) input, Audio L/R inputs and RGB inputs are available. Video and Audio L/R outputs are available. T-V LINK functions are available.
EXT-3 (Input)	S-Video Video Audio	Mini-DIN 4 pin × 1 Y: 1V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω 1V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1 500mV (rms), High impedance, RCA pin jack × 2
EXT-4 (Input)	Component video Audio (L/R)	RCA pin jack × 3 Y : 1V(p-p), 75 Ω Pb / B-Y: 0.7V(p-p), 75 Ω Pr / R-Y : 0.7V(p-p), 75 Ω Component video (Pr, Pb, Y) inputs (625p, 525p, 1125i) and Audio L/R inputs are available. 525p and 625p are progressive scanning signals. Some DVD players can output these signals. 1125i is one of the new high-definition signals. 500mV(rms) (-4dBs), High impedance, RCA pin jack × 2
AUDIO OUT terminal		500mV(rms), Low impedance, RCA pin jack × 2
Headphone jack		3.5 mm stereo mini jack × 1
Remote Control Unit		RM-C1808 (AA/R6 dry cell battery × 2)

Design and specifications subject to change without notice.

SECTION 1

PRECAUTION

1.1 SAFETY PRECAUTIONS [EXCEPT FOR UK]

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\perp) side GND, the ISOLATED (NEUTRAL) : (\equiv) side GND and EARTH : (\oplus) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
- (5) If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See B1 POWER SUPPLY check).
- (6) The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
- (7) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10k Ω 2W resistor to the anode button.

- (8) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(9) Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) Dielectric Strength Test

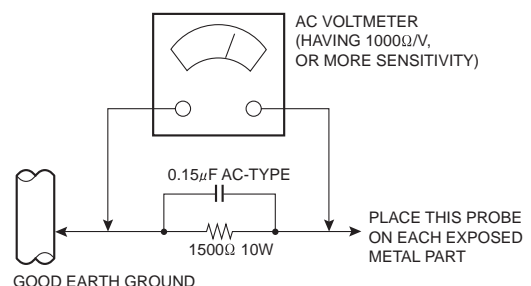
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires a test equipment not generally found in the service trade.

b) Leakage Current Check


Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 Ω per volt or more sensitivity in the following manner. Connect a 1500 Ω 10W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 SAFETY PRECAUTIONS [FOR UK]

- (1) The design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the product have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessary be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by () on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the Parts List of Service Manual may cause shock, fire, or other hazards.
- (4) The leads in the products are routed and dressed with ties, clamps, tubing's, barriers and the like to be separated from live parts, high temperature parts, moving parts and / or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.

WARNING

- (1) The equipment has been designed and manufactured to meet international safety standards.
- (2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- (3) Repairs must be made in accordance with the relevant safety standards.
- (4) It is essential that safety critical components are replaced by approved parts.
- (5) If mains voltage selector is provided, check setting for local voltage.

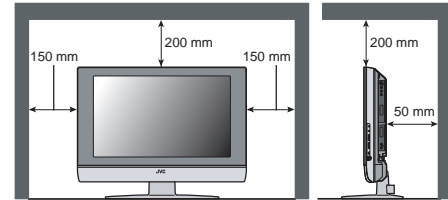
1.3 INSTALLATION

1.3.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

Distance recommendations

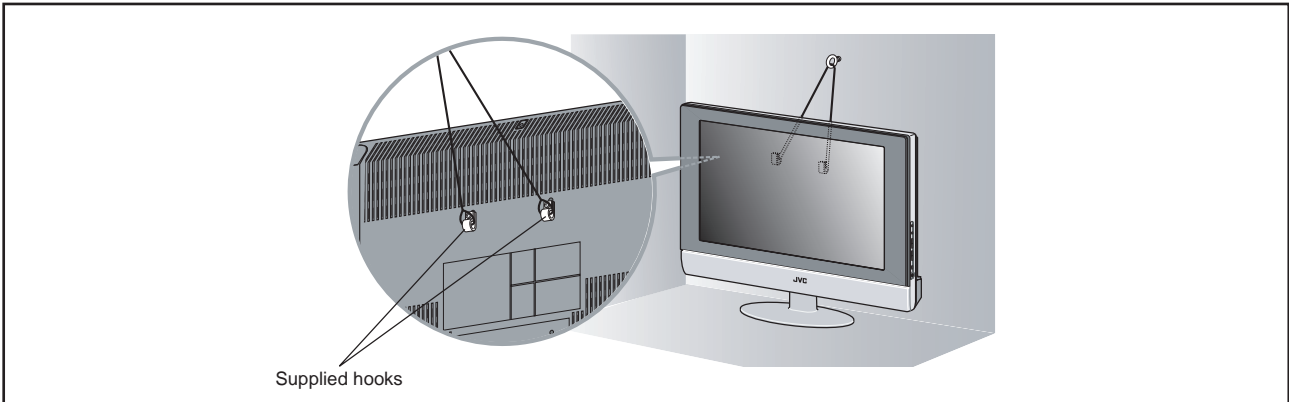
Avoid improper installation and never position the unit where good ventilation is impossible.
When installing this TV, distance recommendations must be maintained between the set and the wall, as well as inside a tightly enclosed area or piece of furniture.
Keep to the minimum distance guidelines shown for safe operation.



1.3.2 INSTALLATION REQUIREMENTS

To ensure safety in an emergency such as an earthquake, and to prevent accidents, ensure that measures are taken to prevent the TV dropping or falling over.

Use the supplied screws to firmly attach the supplied hooks to the back of the TV, and use commercially available cord to fix the TV to rigid components such as walls and columns.



1.3.3 NOTES ON HANDLING

(1) WHEN TAKING UNIT OUT OF A PACKING CASE

When taking the unit out of a packing case, do not grasp the upper part of the unit. If you take the unit out while grasping the upper part, the LCD PANEL may be damaged because of a pressure. Instead of grasping the upper part, put your hands on the lower backside or sides of the unit.

(2) AS FOR PRESSING OR TOUCHING A SPEAKER

Be careful not to press the opening of the speaker in the lower part of the unit and around them since the decorative sheet on the surface of the openings may be deformed.

1.4 HANDLING LCD PANEL

1.4.1 PRECAUTIONS FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal LCD panel due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention before delivery, such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the LCD panel of this unit is made of glass and therefore fragile:

(1) **USE A SPECIAL PACKING CASE FOR THE LCD PANEL**

When transporting the LCD panel of the unit, use a special packing case (packing materials). A special packing case is used when a LCD panel is supplied as a service spare part.

(2) **ATTACH PROTECTION SHEET TO THE FRONT**

Since the front (display part) of the panel is vulnerable, attach the protection sheet to the front of the LCD panel before transportation. Protection sheet is used when a LCD panel is supplied as a service spare part.

(3) **AVOID VIBRATIONS AND IMPACTS**

The unit may be broken if it is toppled sideways even when properly packed. Continuous vibration may shift the gap of the panel, and the unit may not be able to display images properly. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.

(4) **DO NOT PLACE EQUIPMENT HORIZONTALLY**

Ensure that it is placed upright and not horizontally during transportation and storage as the LCD panel is very vulnerable to lateral impacts and may break. During transportation, ensure that the unit is loaded along the traveling direction of the vehicle, and avoid stacking them on one another. For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.4.2 OPTICAL FILTER (ON THE FRONT OF THE LCD PANEL)

(1) Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and colour.

(2) Clean the filter surface by wiping it softly and lightly with a soft and lightly fuzz cloth (such as outing flannel).

(3) Do not use solvents such as benzene or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off. When cleaning the filter, usually use the neutral detergent diluted with water. When cleaning the dirty filter, use water-diluted ethanol.

(4) Since the filter surface is fragile, do not scratch or hit it with hard materials. Be careful enough not to touch the front surface, especially when taking the unit out of the packing case or during transportation.

1.4.3 PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

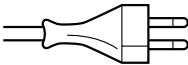
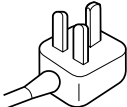
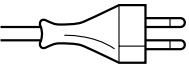
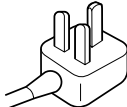
Take note of the following when replacing exterior parts (REAR COVER, FRONT PANEL, etc.):

(1) Do not exert pressure on the front of the LCD panel (filter surface). It may cause irregular colour.

(2) Pay careful attention not to scratch or stain the front of the LCD panel (filter surface) with hands.

(3) When replacing exterior parts, the front (LCD panel) should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front (filter surface).

1.5 MAIN DIFFERENCE LIST

⚠	Items	LT-26C31BUE	LT-26C31BJE	LT-26C31SUE	LT-26C31SJE
⚠	FRONT PANEL COLOUR	BLACK	←	SILVER	←
⚠	POWER CORD	QMPK300-170-JC 	QMPN250-170-JC 	QMPK300-170-JC 	QMPN250-170-JC 

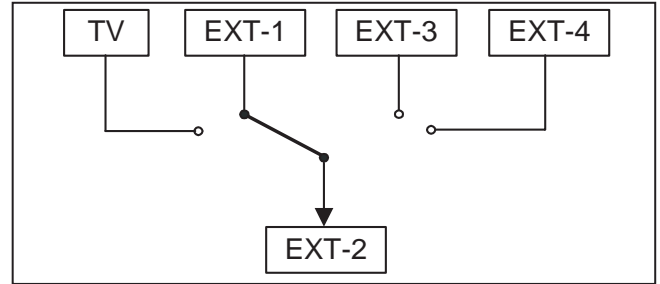
SECTION 2

SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

2.1.1 FUNCTION / CIRCUITS

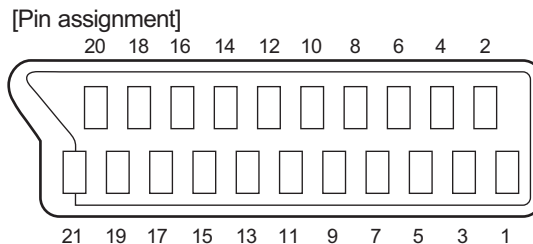
- DIST (Digital Image Scaling Technology) employs an interpolation method that doubles the scanning lines to realize 1250-line flicker-free picture making it especially suitable for reproducing high-resolution pictures even on large-screen displays.
- New chassis design enable use of an interactive on screen control.
- The TELETEXT SYSTEM has a built-in FASTEXT (UK system), TOP (German system) and WST (world standard system) system.
- Because this TV unit corresponds to multiplex broadcast, users can enjoy music programs and sporting events with live realism. In addition, BILINGUAL programs can be heard in their original language.
- Users can make VCR dubbing of picture and sound by controlling the AV selector to select an optional source at the EXT-2 output shown in figure.



2.1.2 21-PIN EURO CONNECTOR (SCART) : EXT-1/EXT-2

Pin No.	Signal designation	Matching value	EXT-1	EXT-2
1	AUDIO R output	500mV(rms) (Nominal), Low impedance	Used (TV OUT)	Used (LINE OUT)
2	AUDIO R input	500mV(rms) (Nominal), High impedance	Used (R1)	Used (R2)
3	AUDIO L output	500mV(rms) (Nominal), Low impedance	Used (TV OUT)	Used (LINE OUT)
4	AUDIO GND		Used	Used
5	GND (B)		Used	Used
6	AUDIO L input	500mV(rms) (Nominal), High impedance	Used (L1)	Used (L2)
7	B input	700mV _(B-W) , 75Ω	Used	Used
8	FUNCTION SW (SLOW SW)	Low : 0V-3V High : 8V-12V, High impedance	Used	Used
9	GND (G)		Used	Used
10	SCL / T-V LINK		Not used	Used (SCL2 / TV-LINK)
11	G input	700mV _(B-W) , 75Ω	Used	Used
12	SDA		Not used	Used (SDA2)
13	GND (R)		Used	Used
14	GND (YS)		Used	Not used
15	R / C input	R : 700mV _(B-W) , 75Ω C : 300mV _(P-P) , 75Ω	Used (R)	Used (C2/R)
16	Ys input (FAST SW)	Low : 0V-0.4V, High : 1V-3V, 75Ω	Used	Used
17	GND (VIDEO output)		Used	Used
18	GND (VIDEO input)		Used	Used
19	VIDEO output	1V _(P-P) (Negative sync), 75Ω	Used (TV OUT)	Used (LINE OUT)
20	VIDEO / Y input	1V _(P-P) (Negative sync), 75Ω	Used	Used
21	COMMON GND		Used	Used

(P-P= Peak to Peak, B-W= Blanking to white peak)



2.2 TECHNICAL INFORMATION

2.2.1 LCD PANEL

This unit uses the flat type panel LCD (Liquid Crystal Display) panel that occupies as little space as possible, instead of the conventional CRT (Cathode Ray Tube), as a display unit.

2.2.1.1 STRUCTURE

The LCD panel of the unit is constructed with the metal chassis that surrounds the panel unit and supports the LCD panel part and the backlight part to protect them.

The colour filter glass and the TFT glass (thin film transistor) are inserted between the front polarizing filter and the rear polarizing filter. Liquid crystals are inserted between the colour filter glass and the TFT glass. Since the gap between the two glasses is only a few μm , a spacer (bead) is inserted in the gap to retain the gap.

The backlight unit is placed behind the LCD panel. Since liquid crystals themselves do not emit light, the backlight as an external light source emits light to the LCD panel from behind through the diffuser.

Circuit boards for controlling the LCD panel and the backlight are attached around the back part of the LCD panel unit.

Since the unit has the two polarizing filter that are at right angles to each other, the unit adopts "normally black" mode, where light does not pass through the polarizing filter and the screen is black when no voltage is applied to the liquid crystals.

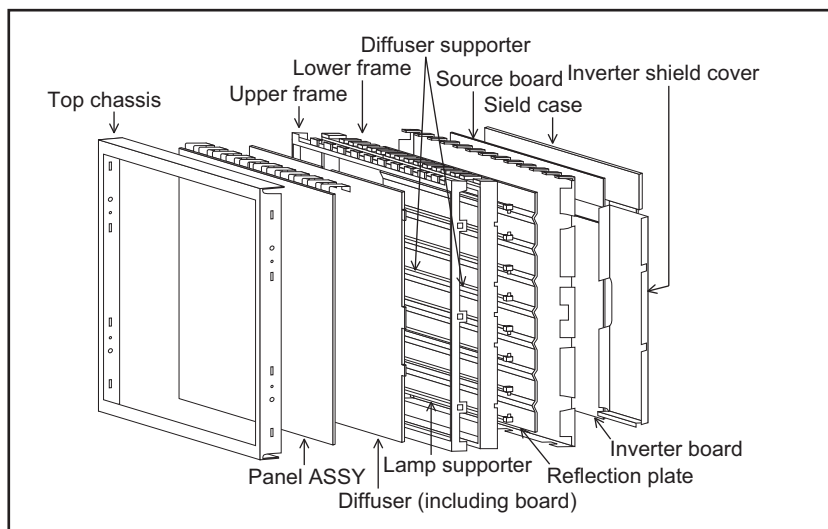


Fig.1 Structure of the LCD panel unit

2.2.1.2 SPECIFICATIONS

The following table shows the specifications of this unit.

Item	Specifications	Remarks
Maximum dimensions (W × H × D)	62.7cm × 38.9cm × 4.9cm	
Weight	8.0kg	
Effective screen size	Diagonal : 66cm (H:33.9cm × V : 56.6cm)	26V type
Aspect ratio	15:9	
Drive device/ system	a-Si-TFT, active matrix system	
Resolution	Horizontally 1280 × Vertically 768 × RGB <W-XGA>	2949120 dots in total
Pixel pitch (pixel size)	Horizontally:0.4425mm, Vertically:0.4425mm	
Displayed colour	16777216 colours	256 colours for R, G, and B
Brightness	450cd/m ²	500cd/m ² at maximum
Contrast ratio	500:1	
Response time	16.7ms	
View angle	Vertically 170°, horizontally 170°	

2.2.1.3 PIXEL FAULT

There are three pixel faults - bright fault , dark fault and flicker fault - that are respectively defined as follows.

(1) BRIGHT FAULT

In this pixel fault, a cell that should not light originally is lighting on and off.

For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

(2) DARK FAULT

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.

For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

(3) FLICKER FAULT

In the pixel fault, a cell that should light originally or not light originally is flashing on and off.

For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

2.2.2 MAIN CPU PIN FUNCTION (IC001)

Pin No.	Pin Name	I/O	Remark
1	TCK	I	Test purpose
2	TMS	I	Test purpose
3	TDI	I	Test purpose
4	TDO	O	Test purpose
5	P2.8	I/O	Remote control input
6	P2.9	I/O	Mechanical power switch detection [Pushing:L]
7	P2.10	I/O	IP error detection [Detection:L]
8	P2.11	I/O	IP reset
9	P2.12	I/O	Port for TV-LINK communication
10	P2.13	I/O	Power ON/OFF [ON:L]
11	P2.14	I/O	Protector detection [Detection:L]
12	P2.15	I/O	Power condition check [ON:L]
13	VSS33	I	GND
14	VDD33	I	3.3V
15	P4.5	I/O	Port for TV-LINK communication
16	A20	O	Memory bus address
17	A19	O	Memory bus address
18	A18	O	Memory bus address
19	A17	O	Memory bus address
20	VSS25	I	GND
21	VDD25	I	2.5V
22	A16	O	Memory bus address
23	A8	O	Memory bus address
24	A7	O	Memory bus address
25	A9	O	Memory bus address
26	A6	O	Memory bus address
27	A5	O	Memory bus address
28	A10	O	Memory bus address
29	A11	O	Memory bus address
30	A12	O	Memory bus address
31	VSS33	I	GND
32	VDD33	I	3.3V
33	A4	O	Memory bus address
34	A3	O	Memory bus address
35	A2	O	Memory bus address
36	A1	O	Memory bus address
37	A0	O	Memory bus address
38	A13	O	Memory bus address
39	RAS/A14	O	Memory bus address
40	CAS/A15	O	Memory bus address
41	VSS33	I	GND
42	VDD33	I	3.3V
43	MEMCLK	O	Clock for memory
44	CSSDRAM	O	Chip select for memory
45	CLKEN	O	Clock enable for memory
46	CSROM	O	Chip select for memory
47	RD	O	Read for memory
48	UDQM	O	Control IN/OUT buffer of Memory (IC003)
49	LDQM	O	Control IN/OUT buffer of Memory (IC003)
50	WR	O	Write for memory
51	D15	I/O	Data bus
52	VSS33	I	GND
53	VDD33	I	3.3V
54	D7	I/O	Data bus
55	D0	I/O	Data bus
56	D14	I/O	Data bus
57	D8	I/O	Data bus
58	D6	I/O	Data bus
59	D1	I/O	Data bus
60	VSS33	I	GND
61	VDD33	I	3.3V
62	D13	I/O	Data bus
63	D9	I/O	Data bus
64	D5	I/O	Data bus

Pin No.	Pin Name	I/O	Remark
65	D2	I/O	Data bus
66	D12	I/O	Data bus
67	D10	I/O	Data bus
68	VSS33	I	GND
69	VDD33	I	3.3V
70	D4	I/O	Data bus
71	D3	I/O	Data bus
72	D11	I/O	Data bus
73	RSTIN	I	Reset
74	P3.0	I/O	I ² C CLOCK 0 (for memory)
75	P3.1	I/O	I ² C DATA 0 (for memory)
76	P3.2	I	Remote control input
77	P3.3	I/O	Clock for OSD
78	P3.4	O	Tuner system switch
79	P3.5	O	Tuner system switch
80	P3.6	I	Teletext mode:H
81	P3.7	I	Power START
82	P3.8	I	Not used
83	P3.9	I	Picture mute
84	VSS33	I	GND
85	VDD33	I	3.3V
86	VSS25	I	GND
87	VDD25	I	2.5V
88	TXD0	I/O	Sub micro computer communication
89	RXD0	I/O	Sub micro computer communication
90	P3.12	I	Not used
91	P3.13	I/O	Not used
92	P3.15	I/O	Not used
93	P5.14(YS2)	I/O	YS2 of SCART RGB
94	P5.15	I/O	Headphone detection [Detection:L]
95	TRIG_IN	I/O	Not used
96	TRIG_OUT	I/O	Not used
97	P6.2	I	Not used
98	P6.3	I/O	I ² C bus clock for IC control
99	P6.4	I/O	I ² C bus data for IC control
100	P6.5	I/O	Multi-sound process reset
101	P6.6	I/O	I ² C bus data for IC control
102	VSYN	O	Vertical sync for OSD
103	HSYN	O	Horizontal sync for OSD
104	COR/RSTOUT	O	Not used
105	BLANK	O	Ys for OSD/Teletext
106	VDD33	I	3.3V
107	VSS33	I	GND
108	XTAL1	I	6MHz
109	XTAL2	O	6MHz
110	VSSA	I	GND
111	VDDA	I	Not used
112	R	O	R for OSD Teletext
113	G	O	G for OSD Teletext
114	B	I	B for OSD Teletext
115	VSSA	I	GND
116	VDDA	I	2.5V
117	CVBS2	I	Video for Teletext
118	VSSA	I	GND
119	VDDA	I	2.5V
120	CVBS1B	I	Video for Teletext
121	CVBS1A	I	Video for Teletext
122	VSSA	I	GND
123	VDDA	I	2.5V
124	P5.0	I	AFT for tuner
125	P5.1(KEY1)	I	Key scan data 1 [ON:H]
126	P5.2	I	AGC for tuner
127	P5.3(KEY2)	I	Key scan data 2 [ON:H]
128	TMODE	I	Test purpose

2.2.3 SUB CPU PIN FUNCTION (IC7807)

Pin No.	Pin name	I/O	Function
1	(SYSTEM0)	I	GND
2	(SYSTEM3)	I	GND
3	AVCC	-	5V
4	X2	-	Sub clock
5	X1	-	Sub clock
6	VCL	-	Internal down voltage
7	RES	I	Reset [Reset : L]
8	TEST	I	Operation test for SUB CPU
9	VSS	-	GND
10	OSC2	O	10MHz oscillation for system clock
11	OSC1	I	10MHz oscillation for system clock
12	VCC	-	5V
13	NC	O	Not used
14	NC	O	Not used
15	BL_D2	O	Back light 20ms delay for LCD panel [On:L]
16	BL_D1	O	Back light 10ms delay for LCD panel [On:L]
17	I2C_STOP	O	Not used
18	BL_ON	O	Back light reset for LCD panel [Reset:L]
19	NC	O	Not used
20	NC	O	Not used
21	NC	O	Not used
22	NC	O	Not used
23	SDA1	I/O	I ² C bus data (For Sub memory)
24	A.DIM	O	Not used
25	SCL1	O	I ² C bus clock (For Sub memory)
26	SDA0	I/O	I ² C bus data (For general)
27	SCL0	O	I ² C bus clock (For general)
28	NC	O	Not used
29	NC	O	Not used
30	NC	O	Not used
31	NC	O	Not used
32	NC	O	Not used
33	NC	O	Not used
34	NC	O	Not used
35	NMI	I	Port for writing on board [Writing:L]
36	NC	O	Not used
37	(HD)	I	Not used
38	NC	O	Not used
39	(REMO)	I	Not used
40	NC	O	Not used
41	P85	-/I	Not used
42	P86	-	Not used
43	P87	-	Not used
44	SCK3	O	Port for writing on board
45	RXD	I	Port for writing on board
46	TXD	O	Port for writing on board
47	(PROTECTOR0)	I	Not used
48	NC	O	Not used
49	RXD2	I	Port for communication (Main CPU)
50	TXD2	O	Port for communication (Main CPU)
51	NC	O	Not used
52	(ACTIVE)	I	Not used
53	VD	I	Vertical sync
54	(REC_DET)	I	Not used
55	(PSS)	I	Not used
56	(ALARM)	I	Not used
57	(SYSTEM2)	I	Not used
58	(SYSTEM1)	I	Not used
59	(PROTECTOR1)	I	Not used
60	(AMP_PRO2)	I	Not used
61	(AMP_PRO1)	I	Not used
62	EE_CDS	I	Not used
63	(KEY_IN1)	I	Not used
64	(KEY_IN2)	I	Not used

SECTION 3 DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

CAUTION:

Since this model is a laminating structure assembly, please perform in following order in the case of disassembling.

3.1.1 REMOVING THE STAND ASS'Y (Fig.3-1-1)

- (1) Remove the 2 screws [A], and remove the COVER.
- (2) Remove the 4 screws [B], and remove the STAND ASS'Y.

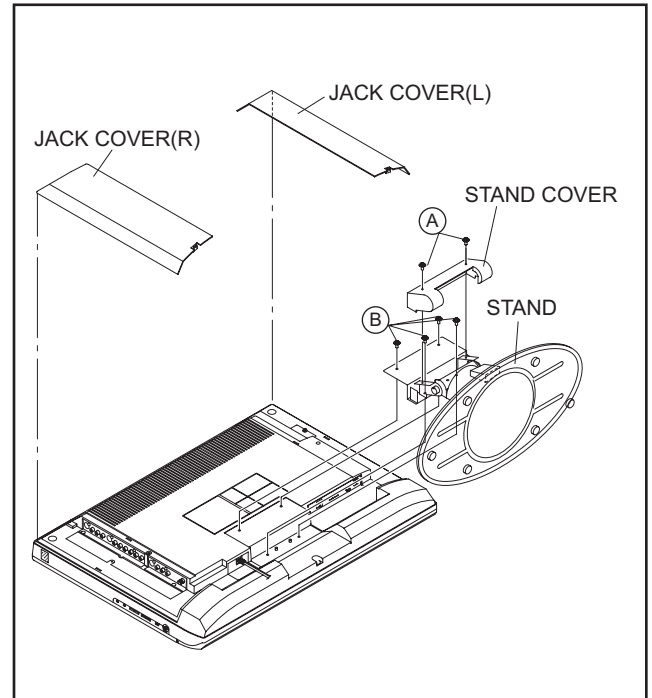


Fig.3-1-1

3.1.2 REMOVING THE REAR COVER (Fig.3-1-1, Fig.3-1-2)

- Remove the STAND ASS'Y.
 - (1) Remove the JACK COVER(R) and JACK COVER(L).
 - (2) Remove the 7 screws [C], 3 screws [D], 4 screws [E], and remove the REAR COVER.

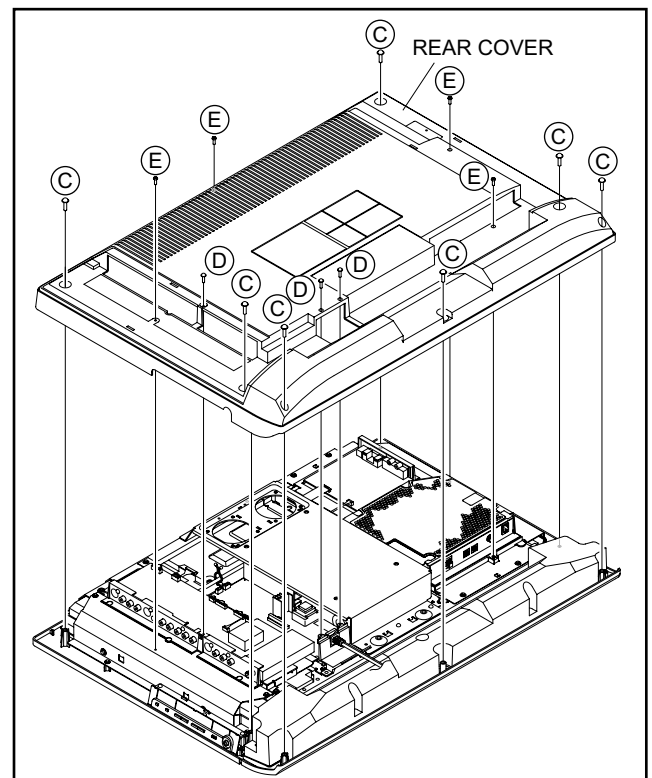


Fig.3-1-2

3.1.3 REMOVING THE FUN BRACKET, REGULATOR PWB AND POWER CORD (Fig.3-1-3)

- Remove the STAND ASS'Y.
- Remove the REAR COVER.
- (1) Disconnect the wire(CONN. [Y]) of FUN MOTOR.
- (2) Remove the 5 screws [F], and remove the FUN BRACKET.
- (3) Remove the REGULATOR PWB, and disconnect the POWER CORD.
- (4) Remove the 1 screw [G], and remove the POWER CORD HOLDER.

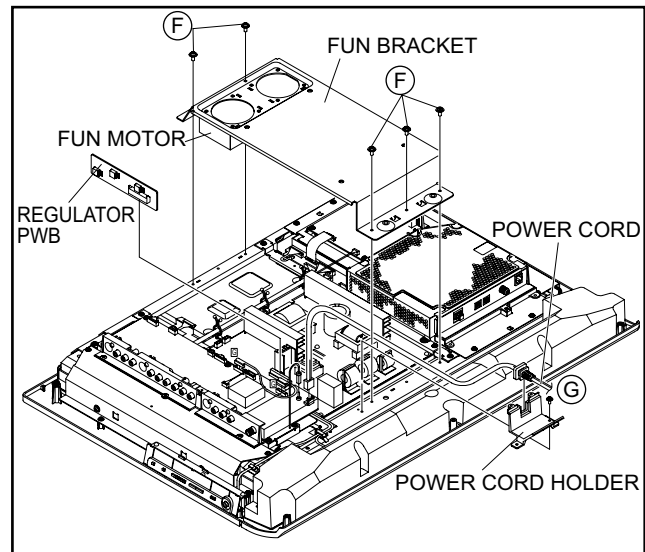


Fig.3-1-3

3.1.4 REMOVING THE RECEIVER PWB (Fig.3-1-4)

- Remove the STAND ASS'Y.
- Remove the REAR COVER.
- (1) Remove the 2 screws [H] and 2 screws [J], then remove the TERMINAL BASE.
- (2) Remove the 5 screws [K], and remove the RECEIVER PWB.

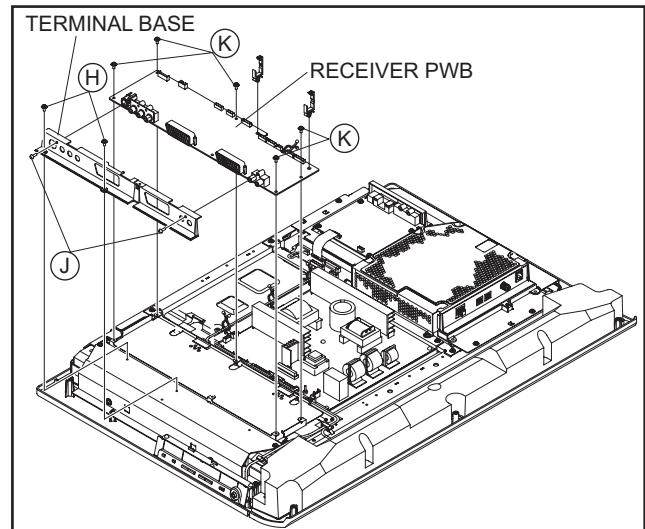


Fig.3-1-4

3.1.5 REMOVING THE FRONT CONTROL PWB AND FRONT SENSOR PWB (Fig.3-1-5)

- Remove the STAND ASS'Y.
- Remove the REAR COVER.
- (1) Remove the 2 screws [L], and remove the CONTROL KNOB.
- (2) Remove the 3 screws [N], then remove the FRONT CONTROL PWB and FRONT SENSOR PWB.

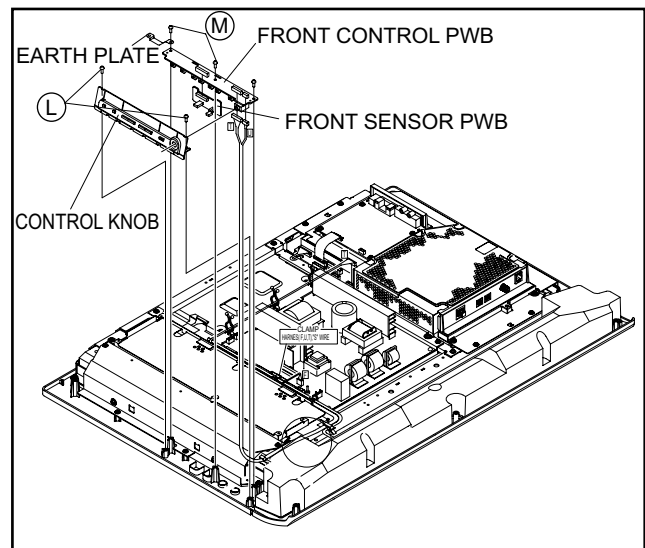


Fig.3-1-5

3.1.6 REMOVING THE VIDEO PWB (Fig.3-1-6)

- Remove the STAND ASS'Y.
- Remove the REAR COVER.
- (1) Remove the 2 screws [N] and 1 screws [P], then remove the JACK BASE.
- (2) Remove the 4 screws [Q], and remove the VIDEO PWB.
- (3) Remove the 2 screws [R], and remove the TUNER PWB BASE.
- (4) Remove the 4 screws [S], and remove the TUNER PWB and MSP PWB.

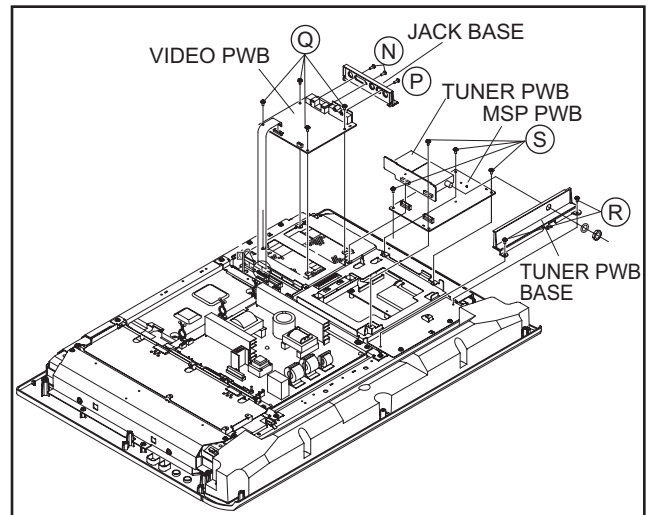


Fig.3-1-6

3.1.7 REMOVING THE MI-COM & DIST PWB (Fig.3-1-7)

- Remove the STAND ASS'Y.
- Remove the REAR COVER.
- (1) Remove the 7 screws [T], and remove the VIDEO PWB BRACKET.
- (2) Remove the 4 screws [U], and remove the MI-COM & DIST PWB from VIDEO PWB BRACKET.

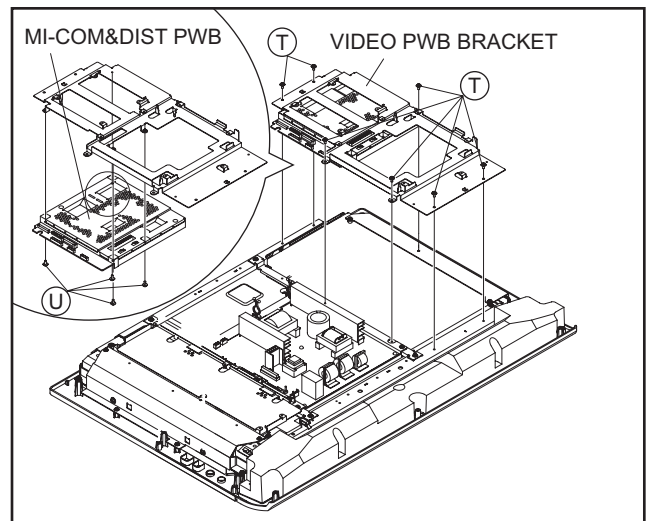


Fig.3-1-7

3.1.8 REMOVING THE POWER PWB (Fig.3-1-8)

- Remove the STAND ASS'Y.
- Remove the REAR COVER.
- Remove the FUN BRACKET.
- Remove the POWER CORD.
- Remove the VIDEO PWB.
- (1) Remove the 4 screws [X], and remove the AV JACK BRACKET.
- (2) Remove the 6 screws [Y], and remove the POWER PWB.
- (3) Remove the 6 screws [Z], and remove the POWER PWB BASE.

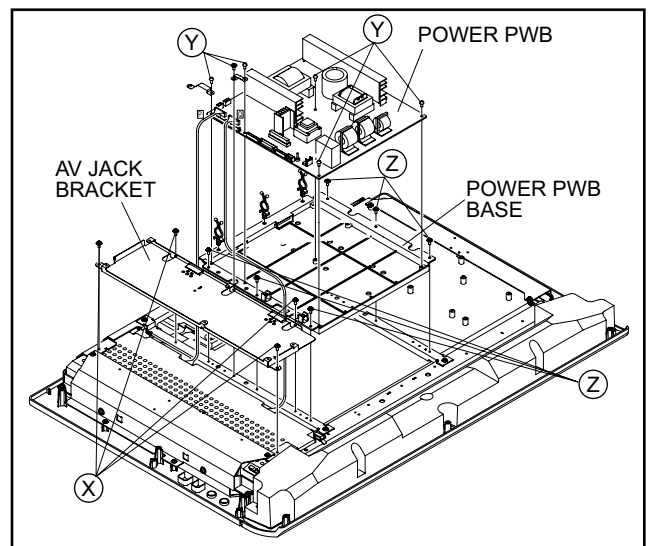


Fig.3-1-8

3.1.9 REMOVING THE SPEAKER (Fig.3-1-9A, Fig.3-1-9B)

- Remove the STAND ASS'Y.
- Remove the REAR COVER.
- Remove the POWER CORD.

(1) Remove the 5 screws [a], and remove the SPEAKER BOX.

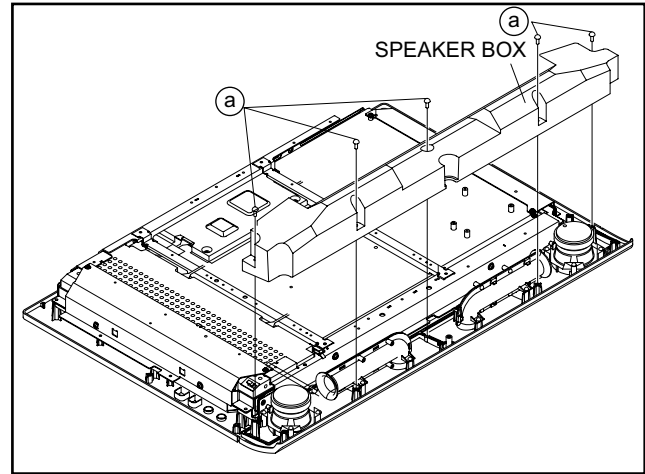


Fig.3-1-9A

(2) Remove the 4 screws [b], and remove the SPEAKER (L/R).

(3) Remove the 4 screws [c], and remove the DUCT COVER/ DUCT BASE.

NOTE:

Since the speaker is attached in a certain direction, attach the speaker in the same correct direction as it has been attached.

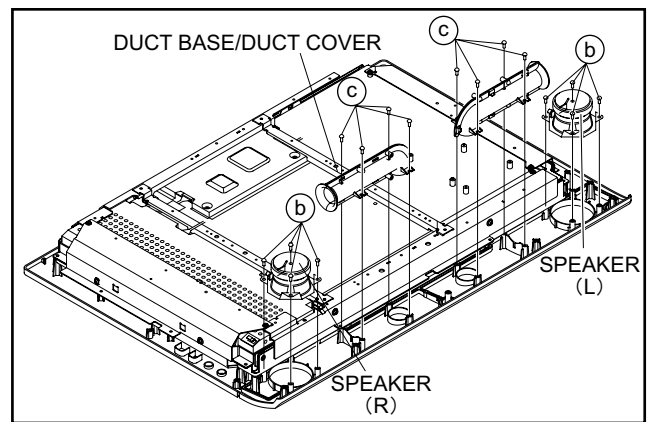


Fig.3-1-9B

3.1.10 REMOVING THE LCD PANEL (Fig.3-1-10A, Fig.3-1-10B, Fig.3-1-10C)

- Remove the STAND ASS'Y.
- Remove the REAR COVER.
- Remove the POWER CORD.
- Remove the RECEIVER PWB.
- Remove the FRONT CONTROL PWB.
- Remove the FRONT SENSOR PWB.
- Remove the VIDEO PWB.
- Remove the MI-COM & DIST PWB
- Remove the POWER PWB.

(1) Remove the 8 screws [d] and 2 screws [e], then remove the LCD PANEL.

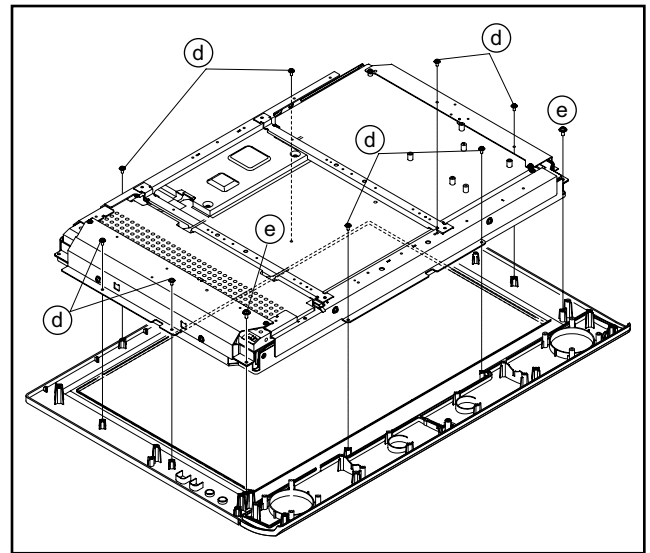


Fig.3-1-10A

(2) Remove the 2 screws [f], and remove the 2 CENTRE FRAMES.

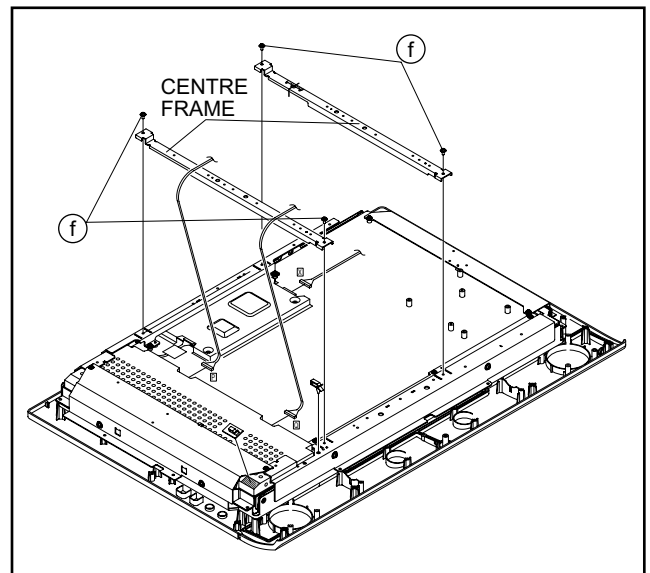


Fig.3-1-10B

(3) Remove the 2 screws [g] and 2 screws [h], then remove the RIGHT FRAME.

(4) Remove the 2 screws [g] and 2 screws [h], then remove the LEFT FRAME.

(5) Remove the 2 screws [j], and remove the TOP FRAME.

(6) Remove the 3 screws [k] and 2 screws [m], then remove the BOTTOM FRAME.

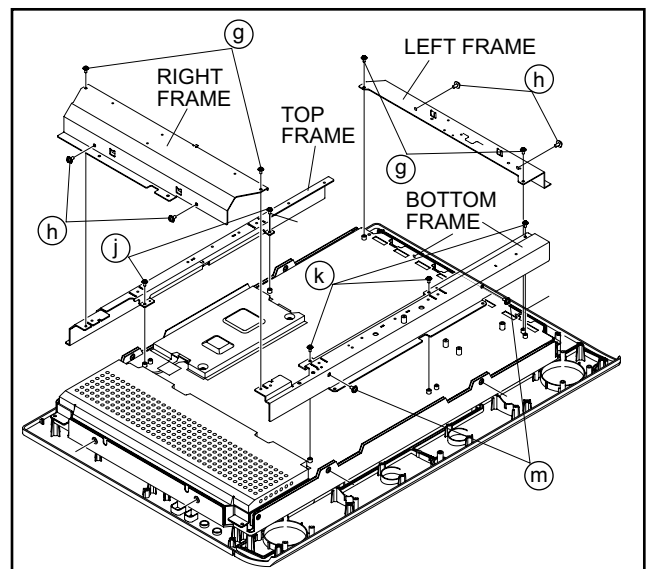


Fig.3-1-10C

3.2 REPLACEMENT OF MEMORY IC

This unit uses the nonvolatile memory IC. The memory IC memories data for video and deflection circuits. To replace the memory IC without the data written, malfunctions might occur while power is on, and the normal image might not appear. When replacing the memory IC, be sure to use the IC written with the initial values of data.

3.2.1 PROCEDURE FOR REPLACING THE MEMORY IC

- (1) Switch the power off and unplug the power cord from the wall outlet.
- (2) Replacing the memory IC. [Be sure to use the IC written with the initial values of data]
- (3) Plug the power cord into the wall outlet and switch the power on.
- (4) Check and setting of SYSTEM CONSTANT SET
 - a) Press the [INFORMATION] key and [MUTING] key on the remote control unit simultaneously.
The SERVICE MENU screen will be displayed. (See Fig.1)
 - b) In the SERVICE MENU, press the [INFORMATION] key and [MUTING] key simultaneously.
Then, the SYSTEM CONSTANT SET screen will be displayed. (See Fig.2)
 - c) Check whether the setting value of the SYSTEM CONSTANT SET is the same as these indicated in Table 1.
 - d) Press the [INFORMATION] key twice to return to the normal screen.
- (5) Receive channel setting
Refer to the OPERATING INSTRUCTIONS and set the receive channels.
- (6) User setting
Memories the user setting items. The [USER SETTINGS OF MENU] setting is as next page.
- (7) Setting of SERVICE MENU
Check the setting items in the SERVICE MENU, set if necessary. For setting method, please refer to the [ADJUSTMENT PREPARATION] to [ADJUSTMENT PROCEDURE] of ADJUSTMENT section.

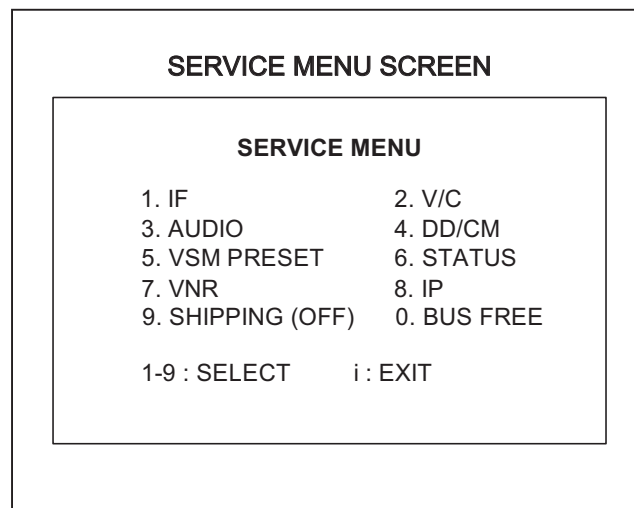


Fig.1

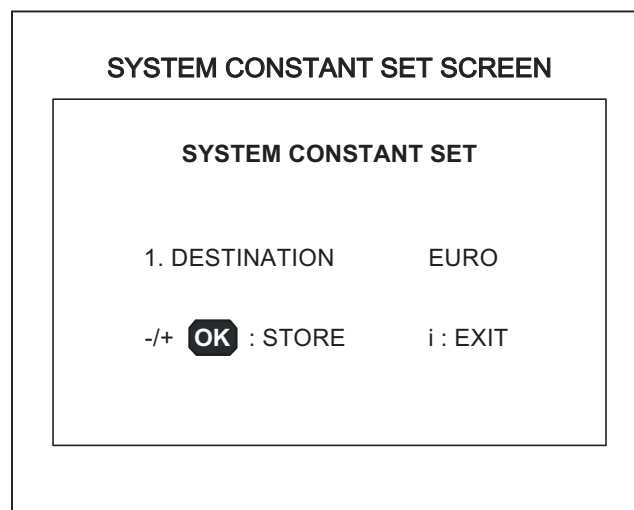


Fig.2

3.2.2 SETTING OF THE SYSTEM CONSTANT SET

Setting item	Setting content	Setting value
DESTINATION	ASIA / EURO	EURO

Table 1

3.2.3 FACTORY SHIPMENT SETTING

3.2.3.1 USER SETTING OF SWITCHES ON REMOTE CONTROL UNIT

Setting item	Setting value
POWER	OFF
CHANNEL	PR1
PRESET CHANNEL	Refer to OPERATION INSTRUCTIONS
VOLUME	10
ZOOM	PANORAMIC
3D SOUND	OFF

Table 2

3.2.3.2 USER SETTINGS OF MENU

Setting item	Setting value	Setting item	Setting value
POWER	OFF	SOUND SETTING	
CHANNEL	PR1	A. H. B	ON
		BASS	Center
PRESET CHANNEL	Refer to OPERATING INSTRUCTIONS	TREBLE	Center
		BALANCE	Center
VOLUME	10	SPEAKER	ON
PICTURE SETTING		BBE	ON
PICTURE MODE	BRIGHT	3D SOUND	OFF
COLOUR TEMP.	COOL	HEADPHONE VOLUME	20
		TV SPEAKER OUTPUT	OFF MAIN
PICTURE FEATURES		EXT SETTING	
DIGITAL VNR	AUTO	S-IN	---
Super DigiPure	AUTO	ID LIST	---
COLOUR SYSTEM	TV: Depend on PR/CH EXT: AUTO	DUBBING	EXT-1 → EXT-2
		FEATURES	
MOVIE THEATRE	AUTO	SLEEP TIMER	OFF
4:3 AUTO ASPECT	PANORAMIC	BLUE BACK	ON
COLOUR MANAGEMENT	ON	CHILD LOCK / CHANNEL GUARD SET ID NO	0000
PIP	Right below	CHILD LOCK / CHANNEL GUARD SET ID NO	0000
ZOOM	PANORAMIC	DECODER (EXT-2)	OFF
		INSTALL	
		LANGUAGE	ENGLISH
		EDIT	Only for preset channels

Table 3

3.2.3.3 VSM PRESET SETTING

Item No.	Item	Variable range	Setting value					
			PICTURE MODE			COLOUR TEMP.		
			BRIGHT	STD	SOFT	COOL	NORMAL	WARM
1	CONT	-16~16	6	0	0	-	-	-
2	BRIGHT	-16~16	-6	0	0	-	-	-
3	SHARP	-16~16	3	0	-2	-	-	-
4	COLOUR	-16~16	0	0	0	-	-	-
5	TINT	-16~16	0	0	0	-	-	-
6	B. LIGHT	-16~16	16	16	-8	-	-	-
1	WDR R	-64~63	-	-	-	-8	0	0
2	WDR G	-64~63	-	-	-	-3	0	-6
3	WDR B	-64~63	-	-	-	23	0	-3

Table 4

3.2.3.3.1 Setting of VSM PRESET

- (1) Enter "5.VSM PRESET" from the SERVICE MENU.
- (2) Press the [OK] key to select BRIGHT/STD/SOFT/COOL/NORMAL/WARM mode.
- (3) Select the setting item using the [FUNCTION (UP/DOWN)] key.
- (4) Set the value using the [FUNCTION (+/-)] key.
- (5) Press the [OK] key to memorize the set value.
- (6) Press the [INFORMATION] key twice to return to the normal screen.

3.2.3.4 SERVICE MENU SETTING ITEMS

Setting item	Setting value	Setting item	Setting value
1.IF	1.VCO 2.ATT ON/OFF	6.STATUS	(Do not adjust)
2.V/C	1.CUT OF R 2.CUT OF G 3.CUT OF B 4.DRIVE R 5.DRIVE G 6.DRIVE B 7.TWN HI R 8.TWN HI B 9.BRIGHT 10.CONT 11.TWN BRG 12.TWN CNT 13.COLOUR 14.HUE 15.BY GAIN 16.TWN COL 17.TWN TNT 18.B OF MR 19.B OF MB 20.B OF SR 21.B OF SB 22.M BOFST 23.M ROFST S01 ~ S99 A01 ~ A17 PDA01 ~ PDA12	7.VNR (Do not adjust)	1.MYLV 2.ONMVF 3.MYCOR 4.MYGA 5.YEGON 6.YEGL 7.YLTL 8.MCLV 9.MCGA 10.MCCOR 11.CLTL 12.YNGA 13.COR_OF 14.LPF_OF 15.YCTL 16.YNCL 17.YNCON
3.AUDIO (Do not adjust)	1.ERROR LIMIT 2.A2 ID THR 3.Q-PEAK 4.SOUND LEVEL / SOUND SYSTEM B/G	8.IP (Do not adjust)	PPA001 ~ PPA008 PPB001 ~ PPB036 PPC001 ~ PPC007 ADS001 ~ ADS034 IPA001 ~ IPA120 IPB001 ~ IPB088 IPC001 ~ IPC044 IPD001 ~ IPD058
4.DD/CM	DDT01 ~ DDT34 CMT01 ~ CMT57		
5.VSM PRESET	PICTURE MODE 1.CONT 2.BRIGHT 3.SHARP 4.COLOUR 5.TINT 6.B. LIGHT COLOUR TEMP. 1.WDR R 2.WDR G 3.WDR B	9.SHIPPING(OFF)	(Do not use under the adjustment)

Table 5

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

3.3.2 SOLDERING IRON

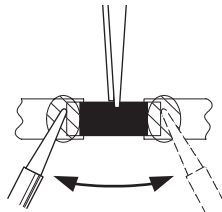
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

3.3.3 REPLACEMENT STEPS

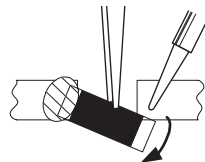
1. How to remove Chip parts

[Resistors, capacitors, etc.]

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



- (2) Shift with the tweezers and remove the chip part.

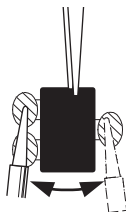


[Transistors, diodes, variable resistors, etc.]

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



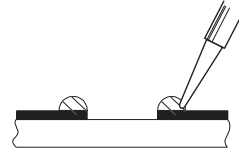
NOTE :

After removing the part, remove remaining solder from the pattern.

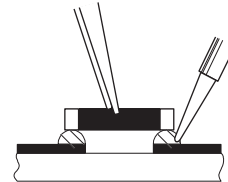
2. How to install Chip parts

[Resistors, capacitors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.

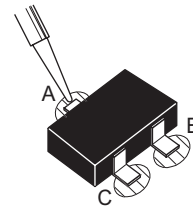


- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

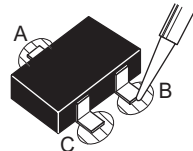


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead **A** as indicated in the figure.



- (4) Then solder leads **B** and **C**.



SECTION 4

ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

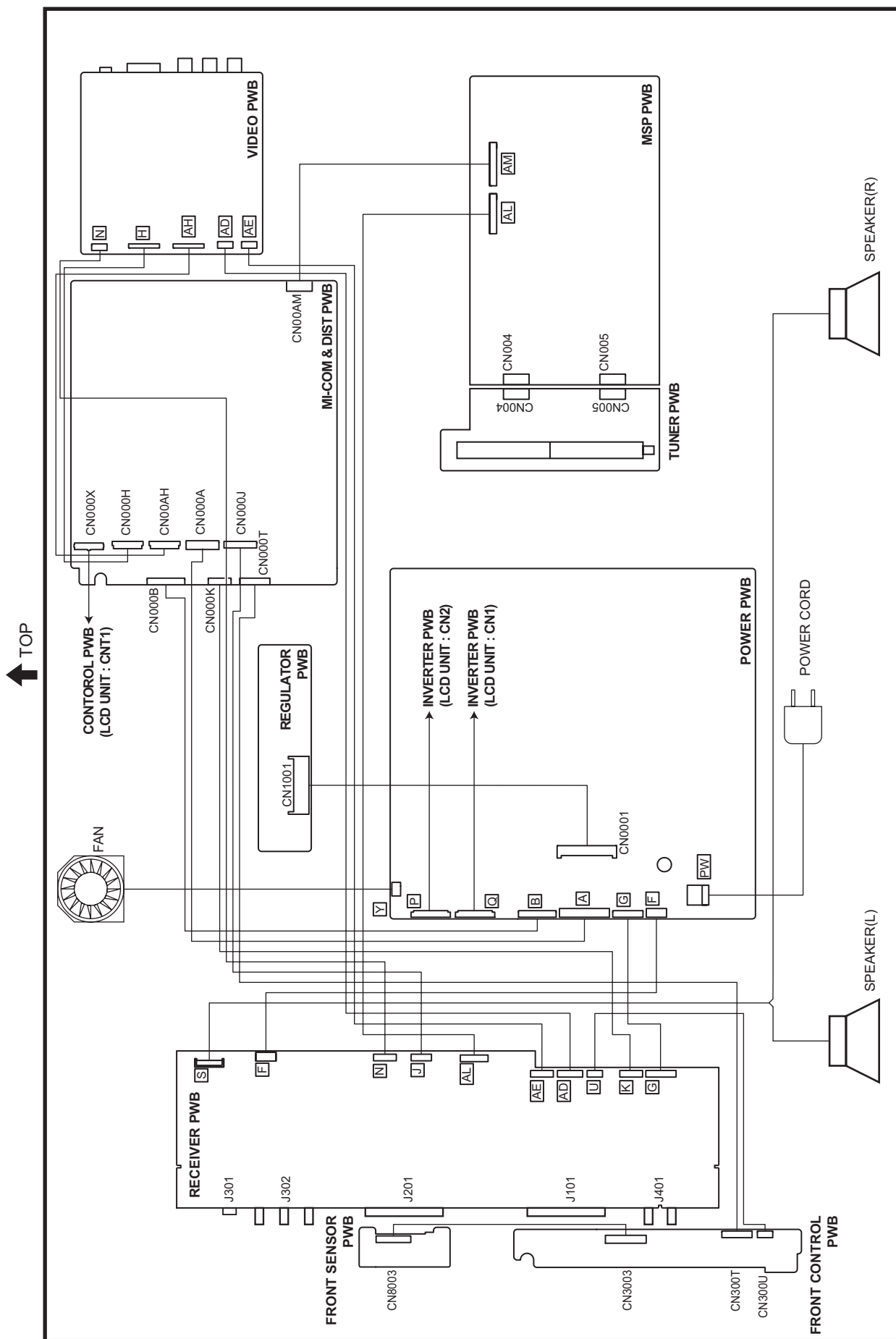
- (1) Prior to the following procedure, be sure to connect the receiver unit and the display unit.
- (2) Adjustment of many Majority of the adjustment items for this unit is performed using the remote control.
- (3) However, adjustment of some adjustment items is performed in the conventional way, i.e. with components on the boards.
- (4) Ensure that the power supply is AC220V.
- (5) Allow the set and the measuring devices to run for at least 30 minutes.
- (6) Do not alter settings of items/preset values on the service screen that are not stated in this manual.
- (7) Unless otherwise stated in the "ADJUSTMENT PROCEDURE" section, follow the settings for the features stated below using the remote control.

4.2 MEASURING INSTRUMENT AND FIXTURES

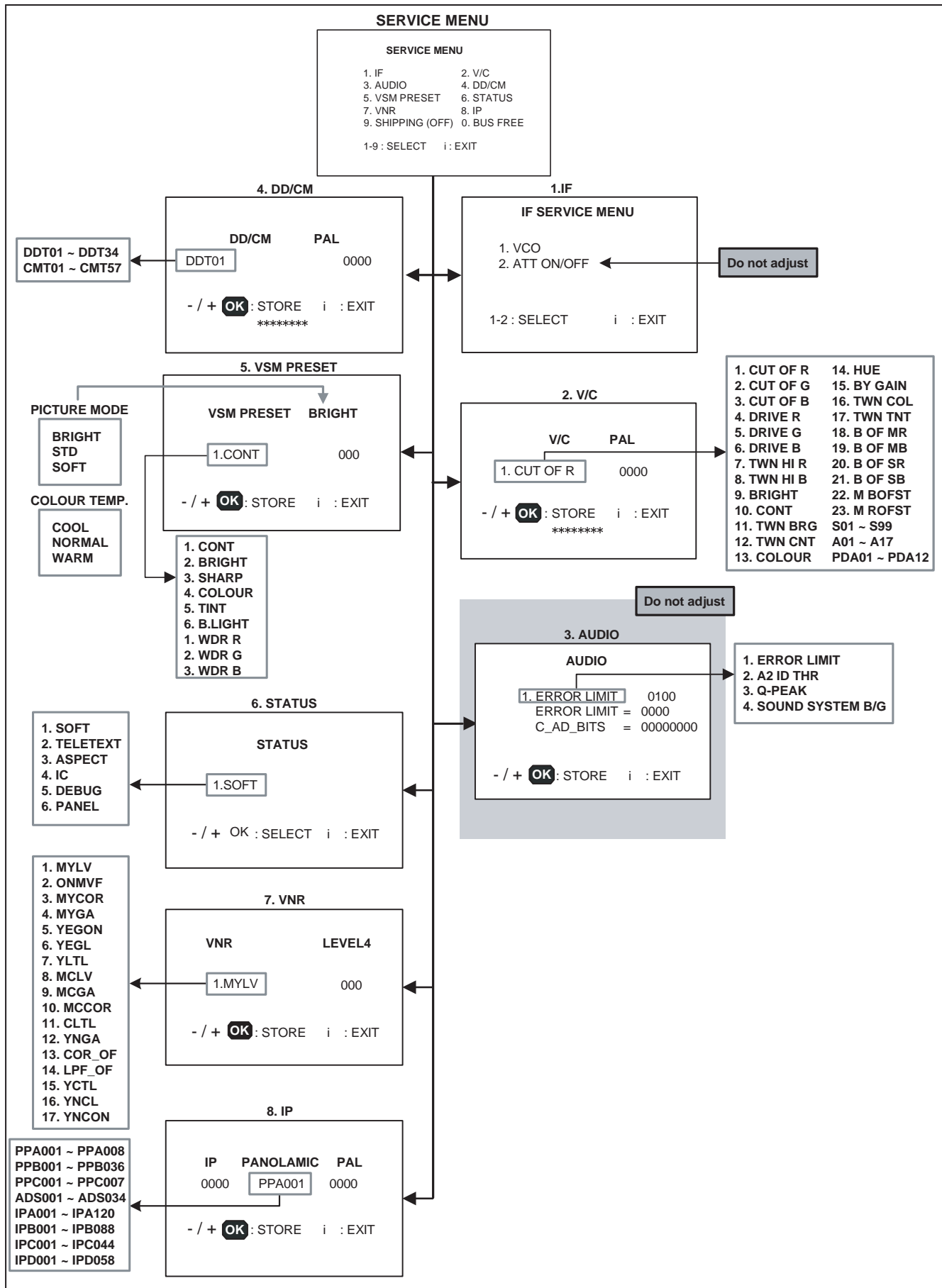
- DC voltmeter (or Digital voltmeter)
- Oscilloscope
- Signal generator (Pattern generator)
- Remote control unit

Setting item	Settings
PICTURE MODE	STANDARD
PICTURE adjustment	All center (00)
COLOUR TEMP.	NORMAL
DIGITAL VNR	MIN
Super Digi Pure	AUTO
SOUND adjustment	All center (00)
BBE	OFF
AHS	OFF
AHB	OFF
ZOOM	FULL

4.3 ADJUSTMENT LOCATION & WIRING



4.4 SERVICE MENU SCREEN



4.5 BASIC OPERATION OF THE SERVICE MENU MODE [USING REMOTE CONTROL UNIT]

4.5.1 TOOLS OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the remote control unit.

4.5.2 HOW TO ENTER THE SERVICE MENU MODE

- (1) Press the [INFORMATION] key and the [MUTING] key of the REMOTE CONTROL UNIT simultaneously, and the SERVICE MENU screen of Fig.4 will be displayed.
- (2) When the Main Menu is displayed, press any key of the [1] to [0] key to enter the corresponding menu mode.
*Press any of the [1] to [0] keys before the Service Menu mode disappears.
- (3) Select the service item using the [FUNCTION (▲/▼)] key.
- (4) Set the value using the [FUNCTION (◀/▶)] key.
- (5) Press the [OK] key to save the value.

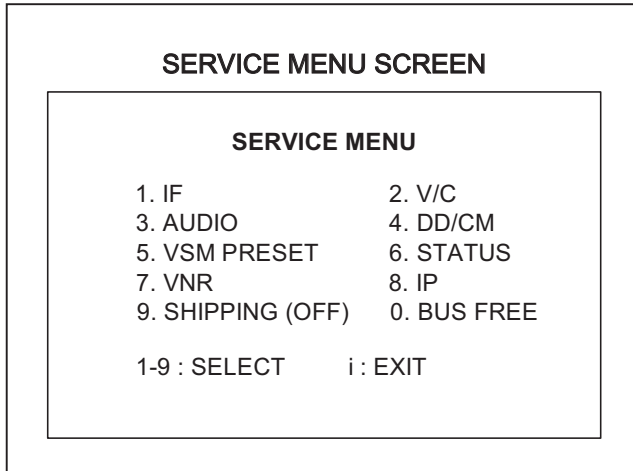


Fig.4

4.5.3 HOW TO EXIT THE SERVICE MENU MODE

Press the [INFORMATION] key to exit the Service Menu mode.

4.5.4 SERVICE CONTROL KEY LAYOUT ON THE REMOTE CONTROL UNIT

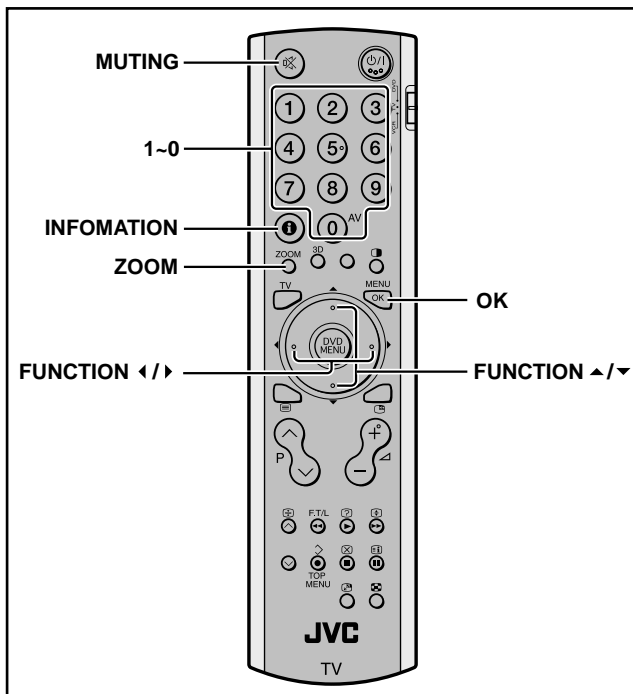


Fig.5

4.5.5 SETTINGS OF THE SERVICE MENUS

4.5.5.1 [1. IF] (VCO adjustment, ATT setting) [Do not adjust]

4.5.5.2 [2. V/C] (VIDEO setting)

[Do not change settings of items that are not included in the "ADJUSTMENT PROCEDURE".]

Sets output data to the video circuit.

- [Function (▲/▼)] key
For scrolling up/down the setting items.
- [Function (◀/▶)] key
For scrolling up/down the setting values.

4.5.5.3 [3. AUDIO] (SOUND setting)

[Do not adjust]

4.5.5.4 [4. DD/CM] (Panel picture processing setting)

[Do not change settings of items that are not included in the "ADJUSTMENT PROCEDURE".]

Sets output data to the deflection circuit.

- [Function (▲/▼)] key
For scrolling up/down the setting items.

DDT01... CMT01...

- [Zoom (red)] key
For switching to the next item.

DDT01 → CMT01 →

- [Function (◀/▶)] key
For scrolling up/down the setting values.

4.5.5.5 [5. VSM PRESET] (PICTURE preset setting) [Refer to page VSM PRESET SETTING.]

4.5.5.6 [6. STATUS]

(The version of software, the aspect, and the state of debugging are displayed.)

[Setting for this item is not required in servicing]

4.5.5.7 [7. VNR] (Noise reduction setting)

[Do not adjust]

Sets output data to the digital noise reduction circuit.

4.5.5.8 [8. IP] (DIST setting)

[Do not adjust]

Sets output data to the DIST circuit.

4.5.5.9 [9. SHIPPING (OFF)]

[Setting for this item is not required in servicing]

4.5.5.10 [10. BUE FREE]

[Setting for this item is not required in servicing]

4.6 DEFAULT VALUES IN THE SERVICE MENU SETTING MODE

- Perform fine-tuning based on the "default values" using the remote control when in the SERVICE MENU setting mode.
- The "default values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

4.6.1 [2. V/C]

4.6.1.1 VIDEO SYSTEM

Item No.	Item	Variable range	Setting value									
			TV		EXT-1 / 2 / 3			EXT-4				
			PAL	SECAM	PAL	SECAM	NTSC	625i	525i	625p	525p	
1	CUT OF R	0000~0255	0088	←	←	←	←	0000	←	←	←	
2	CUT OF G	0000~0255	0101	←	←	←	←	0000	←	←	←	
3	CUT OF B	0000~0255	0106	←	←	←	←	0000	←	←	←	
4	DRIVE R	0000~0255	0129	←	←	←	←	0000	←	←	←	
5	DRIVE G	0000~0255	0112	←	←	←	←	0000	←	←	←	
6	DRIVE B	0000~0255	0110	←	←	←	←	0000	←	←	←	
7	TWIN HI R	0000~0127	0071	←	←	←	←	0000	←	←	←	
8	TWIN HI B	0000~0127	0068	←	←	←	←	0000	←	←	←	
9	BRIGHT	0000~0255	0013	←	←	←	←	0000	←	←	←	
10	CONT	0000~0015	0015	←	←	←	←	0000	←	←	←	
11	TWN BRG	0000~0127	0075	←	←	←	←	-002	←	0000	←	
12	TWN CNT	0000~0015	0006	←	←	←	←	0000	←	←	←	
13	COLOUR	0000~0015	0009	←	0000	←	0007	0000	←	←	←	
14	HUE	0000~0063	0000	←	0034	←	0034	0000	←	←	←	
15	BY GAIN	0000~0063	0043	←	0000	←	0043	0000	←	←	←	
16	TWN COL	0000~0015	0006	←	0002	←	0002	←	←	←	←	
17	TWN TNT	0000~0063	0034	←	0000	←	0034	←	←	←	←	
18	B OF MR	0000~0015	0008	←	←	←	←	←	←	←	←	
19	B OF MB	0000~0015	0008	←	←	←	←	←	←	←	←	
20	B OF SR	0000~0015	0008	←	←	←	←	←	←	←	←	
21	B OF SB	0000~0015	0008	←	←	←	←	←	←	←	←	
22	M BOFSET	0000~0007	0000	←	←	←	←	←	←	←	←	
23	M ROFSET	0000~0007	0000	←	←	←	←	←	←	←	←	

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
S01	COLOUR	0000~0255	0120	0120	0138
S02	HUE	-128~0127	0000	0000	0000
S03	(NO DISPLAY)	-128~0127	0000	0000	0000
S04	(NO DISPLAY)	-128~0127	0000	0000	0000
S05	BRIGHT	0000~0255	0055	0055	0060
S06	CONT	0000~0255	0128	0128	0128
S07	(NO DISPLAY)	-128~0127	0000	0000	0000
S08	(NO DISPLAY)	-128~0127	0000	0000	0000
S09	(NO DISPLAY)	0000~0255	0140	0140	0138
S10	(NO DISPLAY)	-128~0127	0000	0000	0000
S11	(NO DISPLAY)	-128~0127	0006	0006	0006
S12	(NO DISPLAY)	0000~0003	0000	0000	0000

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
S13	R GAIN	0000~0255	0249	0249	0249
S14	(NO DISPLAY)	-128~0127	0000	0000	0000
S15	G GAIN	0000~0255	0255	0255	0255
S16	(NO DISPLAY)	-128~0127	0001	0001	0001
S17	B GAIN	0000~0255	0254	0254	0254
S18	(NO DISPLAY)	-128~0127	0000	0000	0000
S19	(NO DISPLAY)	0000~0255	0128	0128	0128
S20	(NO DISPLAY)	-128~0127	0000	0000	0000
S21	(NO DISPLAY)	0000~0255	0128	0128	0128
S22	(NO DISPLAY)	-128~0127	0000	0000	0000
S23	(NO DISPLAY)	0000~0255	0128	0128	0128
S24	(NO DISPLAY)	-128~0127	0000	0000	0000
S25	(NO DISPLAY)	0000/0001	0000	0000	0000
S26	(NO DISPLAY)	0000/0001	0000	0000	0000
S27	(NO DISPLAY)	0000/0001	0000	0000	0000
S28	(NO DISPLAY)	0000/0001	0000	0000	0000
S29	(NO DISPLAY)	0000/0001	0000	0000	0000
S30	(NO DISPLAY)	0000~0031	0000	0000	0000
S31	(NO DISPLAY)	0000~0063	0002	0002	0002
S32	(NO DISPLAY)	0000~0063	0019	0019	0018
S33	(NO DISPLAY)	0000/0001	0001	0001	0001
S34	(NO DISPLAY)	0000/0001	0001	0001	0001
S35	(NO DISPLAY)	0000/0001	0000	0000	0000
S36	(NO DISPLAY)	0000~0031	0000	0000	0000
S37	(NO DISPLAY)	0000~0255	0220	0220	0220
S38	(NO DISPLAY)	0000~0063	0050	0050	0050
S39	(NO DISPLAY)	0000~0063	0060	0060	0060
S40	(NO DISPLAY)	0000/0001	0001	0001	0001
S41	(NO DISPLAY)	0000/0001	0001	0001	0001
S42	(NO DISPLAY)	0000~0003	0001	0001	0001
S43	(NO DISPLAY)	0000~0031	0009	0009	0009
S44	(NO DISPLAY)	0000~0003	0001	0001	0001
S45	(NO DISPLAY)	0000~0003	0002	0002	0002
S46	(NO DISPLAY)	0000~0015	0015	0015	0015
S47	(NO DISPLAY)	0000~0015	0015	0015	0015
S48	(NO DISPLAY)	0000~0015	0015	0015	0015
S49	(NO DISPLAY)	0000/0001	0000	0000	0000
S50	(NO DISPLAY)	0000~0255	0002	0002	0002
S51	(NO DISPLAY)	0000/0001	0000	0000	0000
S52	(NO DISPLAY)	0000~0255	0076	0076	0076
S53	(NO DISPLAY)	0000/0001	0000	0000	0000
S54	(NO DISPLAY)	0000~0255	0006	0006	0006
S55	(NO DISPLAY)	0000/0001	0000	0000	0000
S56	(NO DISPLAY)	0000~0255	0094	0094	0094
S57	(NO DISPLAY)	0000~0255	0000	0000	0000

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
S58	(NO DISPLAY)	0000~0015	0000	0000	0000
S59	(NO DISPLAY)	0000~0255	0000	0000	0000
S60	(NO DISPLAY)	0000~0015	0000	0000	0000
S61	(NO DISPLAY)	0000/0001	0001	0001	0001
S62	(NO DISPLAY)	0000~0127	0016	0016	0016
S63	(NO DISPLAY)	0000/0001	0000	0000	0000
S64	(NO DISPLAY)	0000~0127	0000	0000	0000
S65	(NO DISPLAY)	0000~0003	0002	0002	0002
S66	(NO DISPLAY)	0000~0003	0001	0001	0001
S67	(NO DISPLAY)	0000~0003	0002	0002	0003
S68	(NO DISPLAY)	0000~0015	0000	0000	0000
S69	(NO DISPLAY)	0000~0063	0019	0019	0019
S70	(NO DISPLAY)	0000/0001	0001	0001	0001
S71	(NO DISPLAY)	0000~0255	0255	0255	0255
S72	(NO DISPLAY)	0000~0255	0255	0255	0255
S73	(NO DISPLAY)	0000~0255	0255	0255	0255
S74	(NO DISPLAY)	0000~0031	0000	0000	0000
S75	(NO DISPLAY)	0000~0031	0000	0000	0000
S76	(NO DISPLAY)	-128~0128	0000	0000	0000
S77	(NO DISPLAY)	-128~0128	0000	0000	0000
S78	(NO DISPLAY)	0000~0255	0255	0255	0255
S79	(NO DISPLAY)	0000~0255	0000	0000	0000
S80	(NO DISPLAY)	0000~0255	0255	0255	0255
S81	(NO DISPLAY)	0000~0255	0000	0000	0000
S82	(NO DISPLAY)	0000~0255	0255	0255	0255
S83	(NO DISPLAY)	0000~0255	0000	0000	0000
S84	(NO DISPLAY)	0000~0255	0216	0216	0216
S85	(NO DISPLAY)	0000~0255	0127	0127	0127
S86	(NO DISPLAY)	0000~0255	0127	0127	0127
S87	(NO DISPLAY)	0000~0003	0003	0003	0003
S88	(NO DISPLAY)	0000~0007	0000	0000	0000
S89	(NO DISPLAY)	0000~0255	0000	0000	0000
S90	(NO DISPLAY)	0000~0127	0000	0000	0000
S91	(NO DISPLAY)	0000~0007	0007	0007	0007
S92	(NO DISPLAY)	0000~0031	0031	0031	0031
S93	(NO DISPLAY)	0000~0007	0007	0007	0007
S94	(NO DISPLAY)	0000~0031	0031	0031	0031
S95	(NO DISPLAY)	0000~0255	0060	0060	0050
S96	(NO DISPLAY)	0000~0015	0003	0003	0006
S97	(NO DISPLAY)	0000~0063	0040	0040	0040
S98	(NO DISPLAY)	0000~0063	0000	0000	0000
S99	(NO DISPLAY)	0000~0063	0000	0000	0000

4.6.1.2 AUDIO SYSTEM

Item No.	Item	Variable range	Setting value
A01	(NO DISPLAY)	0000~0007	0001
A02	(NO DISPLAY)	0000~0007	0001
A03	(NO DISPLAY)	0000~0007	0001
A04	(NO DISPLAY)	0000~0007	0000
A05	(NO DISPLAY)	0000~0009	0003
A06	(NO DISPLAY)	0000~0015	0004
A07	(NO DISPLAY)	0000~0015	0006
A08	(NO DISPLAY)	0000~0015	0003
A09	(NO DISPLAY)	0000~0007	0006
A10	(NO DISPLAY)	0000~0007	0004
A11	(NO DISPLAY)	0000~0063	0063
A12	(NO DISPLAY)	0000~0063	0063
A13	(NO DISPLAY)	0000~0003	0000
A14	(NO DISPLAY)	0000~0007	0000
A15	(NO DISPLAY)	0000~0003	0000
A16	(NO DISPLAY)	0000~0003	0000
A17	(NO DISPLAY)	0000~0003	0000

Item No.	Item	Variable range	Setting value
PDA01	(NO DISPLAY)	0000~0255	0000
PDA02	(NO DISPLAY)	0000~0255	0031
PDA03	(NO DISPLAY)	0000~0255	0085
PDA04	(NO DISPLAY)	0000~0255	0004
PDA05	(NO DISPLAY)	0000/0001	0001
PDA06	(NO DISPLAY)	0000/0001	0000
PDA07	(NO DISPLAY)	0000~0255	0150
PDA08	(NO DISPLAY)	0000~0255	0150
PDA09	(NO DISPLAY)	0000~0255	0002
PDA10	(NO DISPLAY)	0000~0255	0060
PDA11	(NO DISPLAY)	0000~0255	0000
PDA12	(NO DISPLAY)	0000~0127	0000

4.6.2 [3.AUDIO] (MULTISOUND SYSTEM) (*All fixed)

Item No.	Item	Variable range	Setting value
1	ERROR LIMIT	0000~0FF0	0100
2	A2 ID THR	0000~00FF	0019
3	Q-PEAK	-	-
4	SOUND LEVEL	F00F~FFFF	FFFF

4.6.3 [4.DD/CM]

NOTE:

- For reference, initial setting values (except OSD-G/B/R) in the following conditions are written here.
- Input signal : PAL/SECAM/NTSC
- Picture mode : Standard
- Zoom : Full
- Multi screen : Single screen
- Colour temp. : Normal

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
DDT01	(NO DISPLAY)	0000~0015	0000	0000	0000
DDT02	(NO DISPLAY)	0000~0255	0192	0192	0192
DDT03	(NO DISPLAY)	0000~0255	0255	0255	0255
DDT04	(NO DISPLAY)	0000~0255	0255	0255	0255
DDT05	(NO DISPLAY)	0000~0255	0255	0255	0000
DDT06	(NO DISPLAY)	0000~0255	0255	0255	0255
DDT07	(NO DISPLAY)	0000~0003	0000	0000	0000
DDT08	(NO DISPLAY)	0000~0255	0255	0255	0255
DDT09	(NO DISPLAY)	0000~0003	0000	0000	0000
DDT10	(NO DISPLAY)	0000~0255	0000	0000	0000
DDT11	(NO DISPLAY)	0000~0007	0000	0000	0000
DDT12	(NO DISPLAY)	0000~0255	0090	0090	0090
DDT13	(NO DISPLAY)	0000~0255	0000	0000	0000
DDT14	(NO DISPLAY)	0000~0003	0000	0000	0000
DDT15	(NO DISPLAY)	0000~0007	0000	0000	0000
DDT16	(NO DISPLAY)	0000~0255	0021	0021	0021
DDT17	(NO DISPLAY)	0000/0001	0000	0000	0000
DDT18	(NO DISPLAY)	0000/0001	0000	0000	0000
DDT19	(NO DISPLAY)	0000~0063	0001	0001	0001
DDT20	(NO DISPLAY)	0000~0015	0000	0000	0000
DDT21	(NO DISPLAY)	0000~0015	0000	0000	0000
DDT22	(NO DISPLAY)	0000~0015	0000	0000	0000
DDT23	(NO DISPLAY)	0000~0015	0000	0000	0000
DDT24	(NO DISPLAY)	0000/0001	0000	0000	0000
DDT25	(NO DISPLAY)	0000/0001	0000	0000	0000
DDT26	(NO DISPLAY)	0000/0001	0000	0000	0000
DDT27	(NO DISPLAY)	0000~0007	0000	0000	0000
DDT28	(NO DISPLAY)	0000~0255	0250	0250	0250
DDT29	(NO DISPLAY)	0000~0003	0000	0000	0000
DDT30	(NO DISPLAY)	0000/0001	0000	0000	0000
DDT31	(NO DISPLAY)	0000~0007	0005	0005	0005
DDT32	(NO DISPLAY)	0000~0255	0170	0170	0170
DDT33	(NO DISPLAY)	0000~0255	0000	0000	0000
DDT34	(NO DISPLAY)	0000~0255	0032	0032	0032

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
CMT01	(NO DISPLAY)	0000~0003	0000	0000	0000
CMT02	(NO DISPLAY)	0000~0255	0090	0090	0090

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
CMT03	(NO DISPLAY)	0000~0255	0030	0030	0020
CMT04	(NO DISPLAY)	0000~0255	0030	0030	0030
CMT05	(NO DISPLAY)	0000~0063	0059	0059	0060
CMT06	(NO DISPLAY)	-128~0127	0005	0005	-002
CMT07	(NO DISPLAY)	-128~0127	0002	0002	0010
CMT08	(NO DISPLAY)	-128~0127	0000	0000	0000
CMT09	(NO DISPLAY)	-128~0127	0000	0000	0003
CMT10	(NO DISPLAY)	0000~0003	0000	0000	0000
CMT11	(NO DISPLAY)	0000~0255	0160	0160	0160
CMT12	(NO DISPLAY)	0000~0255	0020	0020	0020
CMT13	(NO DISPLAY)	0000~0255	0020	0020	0020
CMT14	(NO DISPLAY)	0000~0063	0000	0000	0059
CMT15	(NO DISPLAY)	-128~0127	0006	0006	-003
CMT16	(NO DISPLAY)	-128~0127	0005	0005	0005
CMT17	(NO DISPLAY)	-128~0127	0000	0000	0000
CMT18	(NO DISPLAY)	-128~0127	0005	0005	0000
CMT19	(NO DISPLAY)	0000~0003	0000	0000	0000
CMT20	(NO DISPLAY)	0000~0255	0196	0196	0196
CMT21	(NO DISPLAY)	0000~0255	0030	0030	0030
CMT22	(NO DISPLAY)	0000~0255	0050	0050	0055
CMT23	(NO DISPLAY)	0000~0063	0061	0061	0000
CMT24	(NO DISPLAY)	-128~0127	-003	-003	0003
CMT25	(NO DISPLAY)	-128~0127	0022	0022	0012
CMT26	(NO DISPLAY)	-128~0127	0006	0006	0005
CMT27	(NO DISPLAY)	-128~0127	0020	0020	0012
CMT28	(NO DISPLAY)	0000~0003	0001	0001	0001
CMT29	(NO DISPLAY)	0000~0255	0070	0070	0070
CMT30	(NO DISPLAY)	0000~0255	0035	0035	0035
CMT31	(NO DISPLAY)	0000~0255	0040	0040	0040
CMT32	(NO DISPLAY)	0000~0063	0000	0000	0000
CMT33	(NO DISPLAY)	-128~0127	0005	0005	0002
CMT34	(NO DISPLAY)	-128~0127	0016	0016	0015
CMT35	(NO DISPLAY)	-128~0127	0000	0000	-004
CMT36	(NO DISPLAY)	-128~0127	0016	0016	0020
CMT37	(NO DISPLAY)	0000~0255	0064	0064	0064
CMT38	(NO DISPLAY)	0000~0255	0066	0066	0068
CMT39	(NO DISPLAY)	0000~0255	0078	0078	0078
CMT40	(NO DISPLAY)	-128~0127	0000	0000	0000
CMT41	(NO DISPLAY)	-128~0127	0005	0005	0004
CMT42	(NO DISPLAY)	0000/0001	0000	0000	0000
CMT43	(NO DISPLAY)	0000~0255	0080	0080	0080
CMT44	(NO DISPLAY)	0000/0001	0001	0001	0001
CMT45	(NO DISPLAY)	0000~0255	0080	0080	0080
CMT46	(NO DISPLAY)	0000/0001	0000	0000	0000
CMT47	(NO DISPLAY)	0000~0255	0080	0080	0080

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
CMT48	(NO DISPLAY)	0000/0001	0000	0000	0000
CMT49	(NO DISPLAY)	0000/0001	0001	0001	0001
CMT50	(NO DISPLAY)	0000~0031	0021	0021	0021
CMT51	(NO DISPLAY)	0000~0031	0021	0021	0021
CMT52	(NO DISPLAY)	0000/0001	0000	0000	0000
CMT53	(NO DISPLAY)	0000/0001	0000	0000	0000
CMT54	(NO DISPLAY)	0000~0003	0000	0000	0000
CMT55	(NO DISPLAY)	0000/0001	0000	0000	0000
CMT56	(NO DISPLAY)	0000/0001	0001	0001	0001
CMT57	(NO DISPLAY)	0000/0001	0000	0000	0000

4.6.4 [7.VNR] (*All fixed)

NOTE:

- For reference, initial setting values in the following conditions are written here.
- Input signal : PAL/SECAM/NTSC
- Picture mode : Standard
- Zoom : Full
- Multi screen : Single screen
- Colour temp. : Normal

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
1	MYLV	0000~000F	000E	000E	000E
2	ONMVF	0000/0001	0001	0001	0001
3	MYCOR	0000~001F	0003	0003	0003
4	MYGA	0000~0003	0002	0002	0002
5	YEGON	0000/0001	0001	0001	0001
6	Y EGL	0000~000F	0000	0000	0000
7	YLTL	0000~007F	0009	0009	0009
8	MCLV	0000~000F	0008	0008	0008
9	MCGA	0000~0003	0002	0002	0002
10	MCCOR	0000~001F	0003	0003	0003
11	CLTL	0000~007F	0009	0009	0009
12	YNGA	0000~0003	0003	0003	0003
13	COR_OF	0000/0001	0000	0000	0000
14	LPF_OF	0000/0001	0000	0000	0000
15	YCTL	0000~000F	0004	0004	0004
16	YNCL	0000~000F	000E	000E	000E
17	YNCON	0000/0001	0001	0001	0001

4.6.5 [8.IP] (*All fixed)

NOTE:

- For reference, initial setting values in the following conditions are written here.
- Input signal : PAL/SECAM/NTSC
- Picture mode : Standard
- Zoom : Full
- Multi screen : Single screen
- Colour temp. : Normal

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
PPA001	(NO DISPLAY)	0000~00FF	0040	0040	0040
PPA002	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPA003	(NO DISPLAY)	0000~00FF	0053	0053	005A
PPA004	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPA005	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPA006	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPA007	(NO DISPLAY)	0000~00FF	0053	0053	005A
PPA008	(NO DISPLAY)	0000~00FF	0031	0031	0023

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
PPB001	(NO DISPLAY)	0000~001F	0000	0000	0000
PPB002	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB003	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB004	(NO DISPLAY)	0000~001F	0000	0000	0000
PPB005	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB006	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB007	(NO DISPLAY)	0000~001F	0000	0000	0000
PPB008	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB009	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB010	(NO DISPLAY)	0000~001F	0000	0000	0000
PPB011	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB012	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB013	(NO DISPLAY)	0000~001F	0000	0000	0000
PPB014	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB015	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB016	(NO DISPLAY)	0000~001F	0000	0000	0000
PPB017	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB018	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB019	(NO DISPLAY)	0000~001F	0000	0000	0000
PPB020	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB021	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB022	(NO DISPLAY)	0000~001F	0000	0000	0000
PPB023	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB024	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB025	(NO DISPLAY)	0000~001F	0000	0000	0000
PPB026	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB027	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB028	(NO DISPLAY)	0000~001F	0000	0000	0000

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
PPB029	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB030	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB031	(NO DISPLAY)	0000~001F	0000	0000	0000
PPB032	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB033	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB034	(NO DISPLAY)	0000~001F	0000	0000	0000
PPB035	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPB036	(NO DISPLAY)	0000~00FF	0000	0000	0000

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
PPC001	(NO DISPLAY)	0000~000F	0000	0000	0000
PPC002	(NO DISPLAY)	0000~00FF	000E	000E	000E
PPC003	(NO DISPLAY)	0000~00FF	0000	0000	0000
PPC004	(NO DISPLAY)	0000~000F	0000	0000	0000
PPC005	(NO DISPLAY)	0000~00FF	007C	007C	007C
PPC006	(NO DISPLAY)	0000~000F	0000	0000	0000
PPC007	(NO DISPLAY)	0000~00FF	0000	0000	0000

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
ADS001	(NO DISPLAY)	0000~00FF	00D7	00D7	00D7
ADS002	(NO DISPLAY)	0000~000F	0000F	0000F	0000F
ADS003	(NO DISPLAY)	0000~0003	0001	0001	0001
ADS004	(NO DISPLAY)	0000~0007	0005	0005	0005
ADS005	(NO DISPLAY)	0000~001F	0016	0016	0016
ADS006	(NO DISPLAY)	0000~00FF	0028	0028	0028
ADS007	(NO DISPLAY)	0000~00FF	0096	0096	0096
ADS008	(NO DISPLAY)	0000~00FF	0020	0020	0020
ADS009	(NO DISPLAY)	0000~00FF	000FF	000FF	000FF
ADS010	(NO DISPLAY)	0000~00FF	000FF	000FF	000FF
ADS011	(NO DISPLAY)	0000~00FF	000FF	000FF	000FF
ADS012	(NO DISPLAY)	0000~007F	004A	004A	004A
ADS013	(NO DISPLAY)	0000~007F	0051	0051	0051
ADS014	(NO DISPLAY)	0000~007F	0042	0042	0042
ADS015	(NO DISPLAY)	0000/0001	0001	0001	0001
ADS016	(NO DISPLAY)	0000/0001	0001	0001	0001
ADS017	(NO DISPLAY)	0000/0001	0000	0000	0000
ADS018	(NO DISPLAY)	0000/0001	0001	0001	0001
ADS019	(NO DISPLAY)	0000/0001	0000	0000	0000
ADS020	(NO DISPLAY)	0000/0001	0000	0000	0000
ADS021	(NO DISPLAY)	0000/0001	0001	0001	0001
ADS022	(NO DISPLAY)	0000/0001	0000	0000	0000
ADS023	(NO DISPLAY)	0000/0001	0000	0000	0000
ADS024	(NO DISPLAY)	0000/0001	0001	0001	0001
ADS025	(NO DISPLAY)	0000/0001	0000	0000	0000

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
ADS026	(NO DISPLAY)	0000/0001	0001	0001	0001
ADS027	(NO DISPLAY)	0000/0001	0001	0001	0001
ADS028	(NO DISPLAY)	0000/0001	0001	0001	0001
ADS029	(NO DISPLAY)	0000/0001	0000	0000	0000
ADS030	(NO DISPLAY)	0000~001F	0003	0003	0003
ADS031	(NO DISPLAY)	0000/0001	0001	0001	0001
ADS032	(NO DISPLAY)	0000/0001	0000	0000	0000
ADS033	(NO DISPLAY)	0000/0001	0001	0001	0001
ADS034	(NO DISPLAY)	0000~00FF	0032	0032	0032

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
IPA001	(NO DISPLAY)	0000/0001	0001	0001	0001
IPA002	(NO DISPLAY)	0000~003F	0022	0022	0022
IPA003	(NO DISPLAY)	0000~003F	0022	0022	0022
IPA004	(NO DISPLAY)	0000~003F	0000	0000	0022
IPA005	(NO DISPLAY)	0000~0003	0000	0000	0000
IPA006	(NO DISPLAY)	0000~0003	0000	0000	0000
IPA007	(NO DISPLAY)	0000~000F	000F	000F	000F
IPA008	(NO DISPLAY)	0000~003F	0008	0008	0008
IPA009	(NO DISPLAY)	0000~003F	000B	000B	0005
IPA010	(NO DISPLAY)	0000~003F	0019	0019	0019
IPA011	(NO DISPLAY)	0000~003F	0015	0015	0015
IPA012	(NO DISPLAY)	0000~003F	0022	0022	0022
IPA013	(NO DISPLAY)	0000~0003	0001	0001	0001
IPA014	(NO DISPLAY)	0000~0003	0001	0001	0001
IPA015	(NO DISPLAY)	0000~000F	000F	000F	000F
IPA016	(NO DISPLAY)	0000~003F	0003	0003	0003
IPA017	(NO DISPLAY)	0000/0001	0001	0001	0001
IPA018	(NO DISPLAY)	0000~003F	000D	000D	000D
IPA019	(NO DISPLAY)	0000/0001	0001	0001	0001
IPA020	(NO DISPLAY)	0000/0001	0001	0001	0001
IPA021	(NO DISPLAY)	0000~003F	0030	0030	0030
IPA022	(NO DISPLAY)	0000~0003	0001	0001	0001
IPA023	(NO DISPLAY)	0000~003F	000A	000A	000A
IPA024	(NO DISPLAY)	0000/0001	0001	0001	0001
IPA025	(NO DISPLAY)	0000/0001	0001	0001	0001
IPA026	(NO DISPLAY)	0000~003F	0030	0030	0030
IPA027	(NO DISPLAY)	0000~0003	0001	0001	0001
IPA028	(NO DISPLAY)	0000~003F	000A	000A	000A
IPA029	(NO DISPLAY)	0000~003F	0000	0000	0000
IPA030	(NO DISPLAY)	0000~000F	0000	0000	0000
IPA031	(NO DISPLAY)	0000~0007	0000	0000	0000
IPA032	(NO DISPLAY)	0000~003F	0000	0000	0000
IPA033	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA034	(NO DISPLAY)	0000~003F	0000	0000	0000

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
IPA035	(NO DISPLAY)	0000/0001	0001	0001	0001
IPA036	(NO DISPLAY)	0000~003F	000D	000D	000D
IPA037	(NO DISPLAY)	0000~003F	000D	000D	000D
IPA038	(NO DISPLAY)	0000~003F	0010	0010	0010
IPA039	(NO DISPLAY)	0000~0003	0001	0001	0001
IPA040	(NO DISPLAY)	0000~0003	0001	0001	0001
IPA041	(NO DISPLAY)	0000~000F	000F	000F	000F
IPA042	(NO DISPLAY)	0000~003F	0005	0005	0005
IPA043	(NO DISPLAY)	0000~003F	0008	0008	0008
IPA044	(NO DISPLAY)	0000~003F	0020	0020	0020
IPA045	(NO DISPLAY)	0000~003F	0020	0020	0020
IPA046	(NO DISPLAY)	0000~003F	0020	0020	0020
IPA047	(NO DISPLAY)	0000~0003	0002	0002	0002
IPA048	(NO DISPLAY)	0000~0003	0002	0002	0002
IPA049	(NO DISPLAY)	0000~000F	0007	0007	0007
IPA050	(NO DISPLAY)	0000~003F	0008	0008	0008
IPA051	(NO DISPLAY)	0000/0001	0001	0001	0001
IPA052	(NO DISPLAY)	0000~003F	0008	0008	0008
IPA053	(NO DISPLAY)	0000/0001	0001	0001	0001
IPA054	(NO DISPLAY)	0000/0001	0001	0001	0001
IPA055	(NO DISPLAY)	0000~003F	0015	0015	0015
IPA056	(NO DISPLAY)	0000~0003	0000	0000	0000
IPA057	(NO DISPLAY)	0000~003F	000A	000A	000A
IPA058	(NO DISPLAY)	0000/0001	0001	0001	0001
IPA059	(NO DISPLAY)	0000/0001	0001	0001	0001
IPA060	(NO DISPLAY)	0000~003F	0015	0015	0015
IPA061	(NO DISPLAY)	0000~0003	0000	0000	0000
IPA062	(NO DISPLAY)	0000~003F	000A	000A	000A
IPA063	(NO DISPLAY)	0000~003F	003F	003F	003F
IPA064	(NO DISPLAY)	0000~000F	0006	0006	0006
IPA065	(NO DISPLAY)	0000~0007	0001	0001	0001
IPA066	(NO DISPLAY)	0000~003F	0008	0008	0008
IPA067	(NO DISPLAY)	0000/0001	0001	0001	0001
IPA068	(NO DISPLAY)	0000~003F	0027	0027	0027
IPA069	(NO DISPLAY)	0000~0003	0000	0000	0000
IPA070	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPA071	(NO DISPLAY)	0000~000F	0005	0005	0005
IPA072	(NO DISPLAY)	0000~00FF	00DB	00DB	00DB
IPA073	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA074	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA075	(NO DISPLAY)	0000~00FF	0018	0018	0018
IPA076	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA077	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA078	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA079	(NO DISPLAY)	0000/0001	0000	0000	0000

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
IPA080	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA081	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA082	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA083	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA084	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA085	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA086	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA087	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA088	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA089	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA090	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA091	(NO DISPLAY)	0000~000F	0000	0000	0000
IPA092	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPA093	(NO DISPLAY)	0000~000F	000F	000F	000F
IPA094	(NO DISPLAY)	0000~00FF	00FF	00FF	00FF
IPA095	(NO DISPLAY)	0000~000F	0000	0000	0000
IPA096	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPA097	(NO DISPLAY)	0000~000F	000F	000F	000F
IPA098	(NO DISPLAY)	0000~00FF	00FF	00FF	00FF
IPA099	(NO DISPLAY)	0000~000F	0000	0000	0000
IPA100	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPA101	(NO DISPLAY)	0000~000F	0000	0000	0000
IPA102	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPA103	(NO DISPLAY)	0000~000F	0000	0000	0000
IPA104	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPA105	(NO DISPLAY)	0000~000F	0000	0000	0000
IPA106	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPA107	(NO DISPLAY)	0000~000F	0000	0000	0000
IPA108	(NO DISPLAY)	0000~00FF	0080	0080	0080
IPA109	(NO DISPLAY)	0000~000F	0000	0000	0000
IPA110	(NO DISPLAY)	0000~00FF	0040	0040	0040
IPA111	(NO DISPLAY)	0000~000F	0005	0005	0005
IPA112	(NO DISPLAY)	0000~00FF	0040	0040	0040
IPA113	(NO DISPLAY)	0000~000F	0000	0000	0000
IPA114	(NO DISPLAY)	0000~00FF	00C0	00C0	00C0
IPA115	(NO DISPLAY)	0000~000F	0002	0002	0002
IPA116	(NO DISPLAY)	0000~00FF	00EF	00EF	00EF
IPA117	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA118	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA119	(NO DISPLAY)	0000/0001	0000	0000	0000
IPA120	(NO DISPLAY)	0000/0001	0000	0000	0000

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
IPB001	(NO DISPLAY)	0000~00FF	0001	0001	0001
IPB002	(NO DISPLAY)	0000~00FF	0001	0001	0003
IPB003	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB004	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB005	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB006	(NO DISPLAY)	0000~00FF	00EC	00EC	00ED
IPB007	(NO DISPLAY)	0000~000F	0002	0002	0002
IPB008	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB009	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB010	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB011	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB012	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB013	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB014	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB015	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB016	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB017	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB018	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB019	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB020	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB021	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB022	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB023	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB024	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB025	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB026	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB027	(NO DISPLAY)	0000~000F	000F	000F	000F
IPB028	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB029	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB030	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB031	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB032	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB033	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB034	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB035	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB036	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB037	(NO DISPLAY)	0000/0001	0000	0000	0000
IPB038	(NO DISPLAY)	0000~0007	0000	0000	0000
IPB039	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB040	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB041	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB042	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB043	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB044	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB045	(NO DISPLAY)	0000~000F	0001	0001	0001

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
IPB046	(NO DISPLAY)	0000~00FF	008B	008B	008B
IPB047	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB048	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB049	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB050	(NO DISPLAY)	0000~00FF	000F	000F	000F
IPB051	(NO DISPLAY)	0000~000F	0006	0006	0006
IPB052	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB053	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB054	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB055	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB056	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB057	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB058	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB059	(NO DISPLAY)	0000~0007	0000	0000	0000
IPB060	(NO DISPLAY)	0000~0003	0000	0000	0000
IPB061	(NO DISPLAY)	0000~0003	0000	0000	0000
IPB062	(NO DISPLAY)	0000/0001	0000	0000	0000
IPB063	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB064	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB065	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB066	(NO DISPLAY)	0000/0001	00C8	00C8	00C8
IPB067	(NO DISPLAY)	0000~000F	0006	0006	0006
IPB068	(NO DISPLAY)	0000~000F	0040	0040	0040
IPB069	(NO DISPLAY)	0000~000F	0001	0001	0001
IPB070	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB071	(NO DISPLAY)	0000~00FF	0001	0001	0001
IPB072	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB073	(NO DISPLAY)	0000~00FF	0050	0050	0050
IPB074	(NO DISPLAY)	0000/0001	0080	0080	0080
IPB075	(NO DISPLAY)	0000/0001	0080	0080	0080
IPB076	(NO DISPLAY)	0000/0001	0000	0000	0000
IPB077	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB078	(NO DISPLAY)	0000/0001	0000	0000	0000
IPB079	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB080	(NO DISPLAY)	0000~000F	000F	000F	000F
IPB081	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB082	(NO DISPLAY)	0000~000F	0000	0000	0000
IPB083	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPB084	(NO DISPLAY)	0000/0001	0000	0000	0000
IPB085	(NO DISPLAY)	0000/0001	0000	0000	0000
IPB086	(NO DISPLAY)	0000/0001	0000	0000	0000
IPB087	(NO DISPLAY)	0000~000F	000B	000B	000B
IPB088	(NO DISPLAY)	0000/0001	0001	0001	0001

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
IPC001	(NO DISPLAY)	0000~0003	0002	0002	0002
IPC002	(NO DISPLAY)	0000~00FF	00EA	00EA	00EA
IPC003	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC004	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC005	(NO DISPLAY)	0000~000F	0000	0000	0000
IPC006	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPC007	(NO DISPLAY)	0000~000F	0005	0005	0005
IPC008	(NO DISPLAY)	0000~00FF	00DB	00DB	00DB
IPC009	(NO DISPLAY)	0000~000F	0007	0007	0006
IPC010	(NO DISPLAY)	0000~00FF	00B9	00B9	0071
IPC011	(NO DISPLAY)	0000~000F	0004	0004	0004
IPC012	(NO DISPLAY)	0000~00FF	00CE	00CE	00CE
IPC013	(NO DISPLAY)	0000~0003	0000	0000	0000
IPC014	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC015	(NO DISPLAY)	0000/0001	0001	0001	0001
IPC016	(NO DISPLAY)	0000~00FF	001F	001F	0003
IPC017	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC018	(NO DISPLAY)	0000~007F	0000	0000	0000
IPC019	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC020	(NO DISPLAY)	0000~007F	0001	0001	0001
IPC021	(NO DISPLAY)	0000~000F	0000	0000	0000
IPC022	(NO DISPLAY)	0000~00FF	00FE	00FE	00FE
IPC023	(NO DISPLAY)	0000~0003	0000	0000	0000
IPC024	(NO DISPLAY)	0000~00FF	005C	005C	0040
IPC025	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC026	(NO DISPLAY)	0000~007F	0020	0020	0020
IPC027	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC028	(NO DISPLAY)	0000~007F	0000	0000	0000
IPC029	(NO DISPLAY)	0000/0001	0001	0001	0001
IPC030	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC031	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC032	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC033	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC034	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC035	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC036	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC037	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC038	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC039	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC040	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC041	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC042	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC043	(NO DISPLAY)	0000/0001	0000	0000	0000
IPC044	(NO DISPLAY)	0000/0001	0000	0000	0000

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
IPD001	(NO DISPLAY)	0000~00FF	0040	0040	0040
IPD002	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPD003	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPD004	(NO DISPLAY)	0000~0007	0000	0000	0000
IPD005	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPD006	(NO DISPLAY)	0000~0007	0006	0006	0006
IPD007	(NO DISPLAY)	0000~00FF	0018	0018	0018
IPD008	(NO DISPLAY)	0000/0001	0000	0000	0000
IPD009	(NO DISPLAY)	0000~000F	0001	0001	0001
IPD010	(NO DISPLAY)	0000~00FF	0062	0062	0062
IPD011	(NO DISPLAY)	0000~000F	0005	0005	0005
IPD012	(NO DISPLAY)	0000~00FF	002B	002B	002B
IPD013	(NO DISPLAY)	0000~0007	0000	0000	0000
IPD014	(NO DISPLAY)	0000~0007	0000	0000	0000
IPD015	(NO DISPLAY)	0000/0001	0002	0002	0002
IPD016	(NO DISPLAY)	0000/0001	0002	0002	0002
IPD017	(NO DISPLAY)	0000~00FF	0002	0002	0002
IPD018	(NO DISPLAY)	0000~0007	0002	0002	0002
IPD019	(NO DISPLAY)	0000~00FF	0002	0002	0002
IPD020	(NO DISPLAY)	0000~0007	0002	0002	0002
IPD021	(NO DISPLAY)	0000~00FF	0070	0070	0070
IPD022	(NO DISPLAY)	0000/0001	0080	0080	0080
IPD023	(NO DISPLAY)	0000~000F	0080	0080	0080
IPD024	(NO DISPLAY)	0000~00FF	0070	0070	0070
IPD025	(NO DISPLAY)	0000~000F	0060	0060	0060
IPD026	(NO DISPLAY)	0000~00FF	0050	0050	0050
IPD027	(NO DISPLAY)	0000~00FF	0040	0040	0040
IPD028	(NO DISPLAY)	0000~0007	0000	0000	0000
IPD029	(NO DISPLAY)	0000~0007	0000	0000	0000
IPD030	(NO DISPLAY)	0000/0001	0000	0000	0000
IPD031	(NO DISPLAY)	0000/0001	0000	0000	0000
IPD032	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPD033	(NO DISPLAY)	0000/0001	0000	0000	0000
IPD034	(NO DISPLAY)	0000/0001	0000	0000	0000
IPD035	(NO DISPLAY)	0000~0003	0000	0000	0000
IPD036	(NO DISPLAY)	0000~000F	0000	0000	0000
IPD037	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPD038	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPD039	(NO DISPLAY)	0000/0001	0000	0000	0000
IPD040	(NO DISPLAY)	0000/0001	0000	0000	0000
IPD041	(NO DISPLAY)	0000/0001	0000	0000	0000
IPD042	(NO DISPLAY)	0000/0001	0000	0000	0000
IPD043	(NO DISPLAY)	0000/0001	0000	0000	0000
IPD044	(NO DISPLAY)	0000/0001	0000	0000	0000
IPD045	(NO DISPLAY)	0000/0001	0000	0000	0000

Item No.	Item	Variable range	Setting value		
			PAL	SECAM	NTSC
IPD046	(NO DISPLAY)	0000/0001	0000	0000	0000
IPD047	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPD048	(NO DISPLAY)	0000~00FF	0000	0000	0000
IPD049	(NO DISPLAY)	0000~00FF	0090	0090	0090
IPD050	(NO DISPLAY)	0000~0007	0000	0000	0000
IPD051	(NO DISPLAY)	0000~00FF	001D	001D	001D
IPD052	(NO DISPLAY)	0000~0007	0002	0002	0002
IPD053	(NO DISPLAY)	0000~00FF	00E6	00E6	00E6
IPD054	(NO DISPLAY)	0000/0001	0001	0001	0001
IPD055	(NO DISPLAY)	0000~000F	0001	0001	0001
IPD056	(NO DISPLAY)	0000~00FF	000E	000E	000E
IPD057	(NO DISPLAY)	0000~000F	0004	0004	0004
IPD058	(NO DISPLAY)	0000~00FF	00C0	00C0	00C0

4.7 ADJUSTMENT PROCEDURE

4.7.1 CHECK ITEM

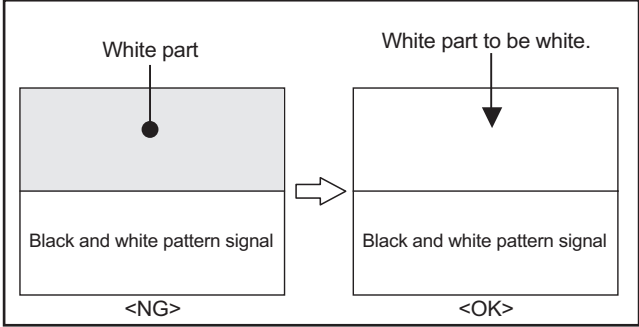
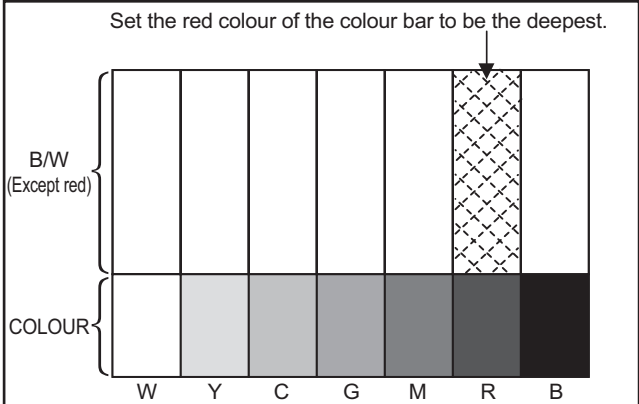
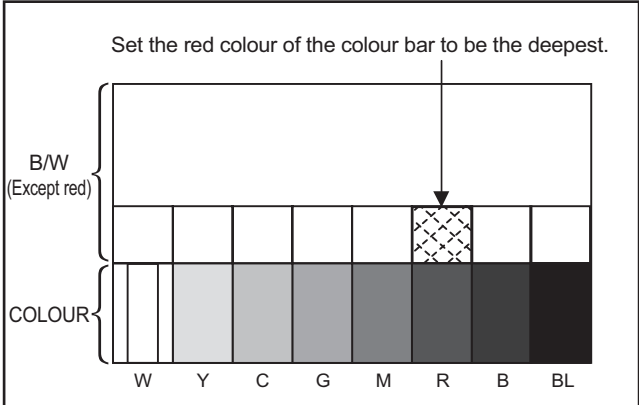
Item	Measuring instrument	Test point	Adjustment part	Description
VCO (AFC) check	Remote control unit Signal generator		[1.IF] 1.VCO(CW)	<ol style="list-style-type: none"> (1) Receive a PAL colour bar signal. (2) Select "1. IF" from the SERVICE MENU. (3) Select "1. VCO." (4) Make sure that an arrow of "MAIN" is in the position between "ABOVE REF." and "BELOW REF." on the screen (5) Make sure that an arrow of "SUB" is in the position between "ABOVE REF." and "BELOW REF." on the screen.

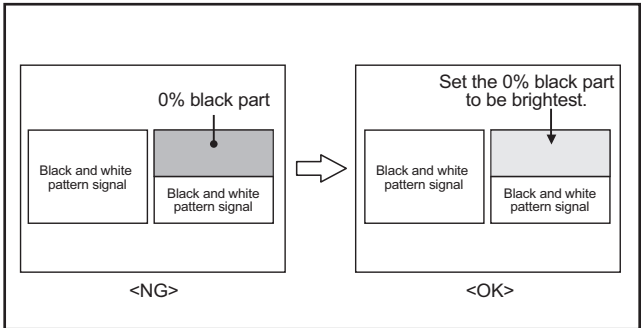
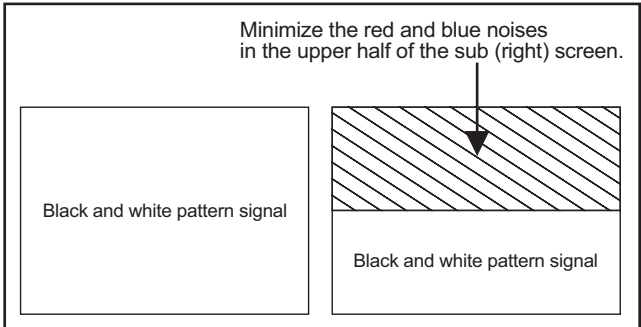
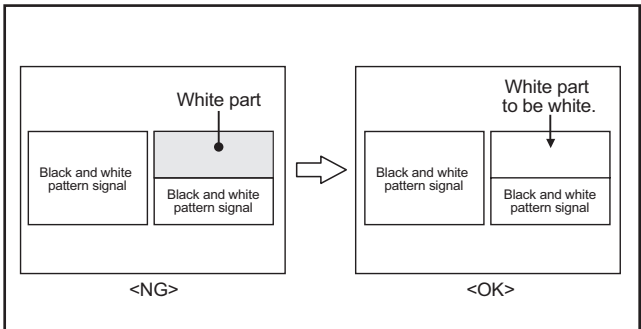
Fig.3

4.7.2 VIDEO CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
SUB BRIGHTNESS	Remote control unit Signal generator		[2.V/C] 9. BRIGHT (Bright)	<ol style="list-style-type: none"> (1) Receive a PAL black and white pattern signal (including 0% black signal). (2) Select "2. V/C" from the SERVICE MENU. (3) Adjust < 9. BRIGHT > (Bright) to set the 0% black part to be the brightest. (4) Press the [OK] key to memorize the set value.

Fig.4

Item	Measuring instrument	Test point	Adjustment part	Description
SUB CONTRAST	Remote control unit Signal generator		[2. V/C] 10. CONT (Contrast)	(1) Receive a PAL black and white pattern signal (colour off). (2) Select "2. V/C" from the SERVICE MENU. (3) Adjust < 10. CONT > (Contrast) to set the white part to be white. (4) Press the [OK] key to memorize the set value.
 <p style="text-align: center;">Fig.5</p>				
PAL/SECAM/NTSC SUB COLOUR	Remote control unit Signal generator		[2.V/C] 13. COLOUR (Colour)	<p>- PAL COLOUR -</p> (1) Receive a PAL colour bar signal (full field colour bar). (2) Select "2. V/C" from the SERVICE MENU. (3) Adjust < 13. COLOUR > (Colour) to set the red colour of the colour bar signal to be the reddest. (See Fig.6) If noise is not completely deleted, adjust < 13. COLOUR > so that the red colour has the minimum noise. NOTE: If you select an adjustment item < 13. COLOUR >, then the screen turns to an adjustment screen shown in Fig.6. (4) Press the [OK] key to memorize the set value. (5) Press the [INFORMATION] key twice to the normal screen.
 <p style="text-align: center;">Fig.6</p>				<p>- SECAM COLOUR -</p> (1) Receive a SECAM colour bar signal (half colour bar). (2) Select "2. V/C" from the SERVICE MENU. (3) Make similar adjustment of SECAM COLOUR in the same way as for "PAL COLOUR". (See Fig.7)
 <p style="text-align: center;">Fig.7</p>				<p>- NTSC COLOUR -</p> (1) Input a NTSC 3.58 composite colour bar signal (full field colour bar 75% white). (2) Select "2. V/C" from the SERVICE MENU. (3) Make similar adjustment of NTSC COLOUR in the same way as for "PAL COLOUR". (See Fig.6) (4) Input a NTSC 4.43 composite colour bar signal (full field colour bar 75% white), and then check the red colour of the colour bar signal and confirm that there is no noise or the minimum noise.

Item	Measuring instrument	Test point	Adjustment part	Description
SUB-SCREEN BRIGHTNESS	Remote control unit Signal generator		[2. V/C] 11. TWN BRG (Sub-screen bright)	<p>(1) Receive a PAL black and white pattern signal (including 0% black signal).</p> <p>(2) Select "2. V/C" from the SERVICE MENU.</p> <p>(3) Adjust < 11. TWN BRG > (Sub-screen bright) to set the 0% black part in the sub (right) screen to be the brightest.</p> <p>NOTE: If you select an adjustment item < 11.TWN BRG >, then the screen automatically turns to twin pictures mode.</p> <p>(4) Press the [OK] key to memorize the set value.</p>
 <p>Fig.8</p>				
SUB-SCREEN A-D OFFSET	Remote control unit Signal generator		[2. V/C] 7. TWN HI R (Sub-screen high light red) 8. TWN HI B (Sub-screen high light blue)	<p>(1) Receive a PAL black and white pattern signal (including 0% black signal).</p> <p>(2) Select "2. V/C" from the SERVICE MENU.</p> <p>(3) Adjust < 7.TWN HI R >(Sub-screen high light red) to minimize the red noise in the upper half of the sub (right) screen. (See Fig.9)</p> <p>NOTE: If you select an adjustment item < 7. TWN HI R >, then the screen automatically turns to twin pictures mode.</p> <p>(4) Press the [OK] key to memorize the set value.</p> <p>(5) Adjust < 8.TWN HI B >(Sub-screen high light blue) to minimize the blue noise in the upper half of the sub (right) screen. (See Fig.9)</p> <p>(6) Press the [OK] key to memorize the set value.</p>
 <p>Fig.9</p>				
SUB-SCREEN CONTRAST	Remote control unit Signal generator		[2. V/C] 12. TWN CNT (Sub-screen contrast)	<p>(1) Receive a PAL black and white pattern signal (colour off).</p> <p>(2) Select "2. V/C" from the SERVICE MENU.</p> <p>(3) Adjust < 12. TWN CNT > (Sub-screen contrast) to set the white part in the sub (right) screen to be white.</p> <p>NOTE: If you select an adjustment item < 12.TWN CNT >, then the screen automatically turns to twin pictures mode.</p> <p>(4) Press the [OK] key to memorize the set value.</p>
 <p>Fig.10</p>				

Item	Measuring instrument	Test point	Adjustment part	Description
PAL/SECAM/NTSC SUB-SCREEN COLOUR	Remote control unit Signal generator		[2. V/C] 16. TWN COL (Sub-screen colour)	<p>- SUB-SCREEN PAL COLOUR -</p> <ol style="list-style-type: none"> (1) Receive a PAL colour bar signal (full field colour bar). (2) Select "2. V/C" from the SERVICE MENU. (3) Adjust < 16. TWN COL > (Sub-screen colour) to set the red colour of the colour bar signal in the sub screen to be the reddest. (See Fig.11) If noise is not completely deleted, adjust < 16. TWN COL > so that the red colour has the minimum noise. <p>NOTE: If you select an adjustment item < 16.TWN COL >, then the screen automatically turns to twin pictures mode.</p> <ol style="list-style-type: none"> (4) Press the [OK] key to memorize the set value. (5) Press the [INFORMATION] key twice to the normal screen. <p>- SUB-SCREEN SECAM COLOUR -</p> <ol style="list-style-type: none"> (1) Receive a SECAM colour bar signal (half colour bar). (2) Select "2. V/C" from the SERVICE MENU. (3) Make similar adjustment of SECAM COLOUR in the same way as for "SUB-SCREEN PAL COLOUR". (See Fig.12) <p>- SUB-SCREEN NTSC COLOUR -</p> <ol style="list-style-type: none"> (1) Input a NTSC 3.58 composite colour bar signal (full field colour bar 75% white). (2) Select "2. V/C" from the SERVICE MENU. (3) Make similar adjustment of NTSC COLOUR in the same way as for "SUB-SCREEN PAL COLOUR". (See Fig.11) (4) Input a NTSC 4.43 composite colour bar signal (full field colour bar 75% white), and then check the red colour of the colour bar signal and confirm that there is no noise or the minimum noise.
<div data-bbox="100 363 824 768" data-label="Figure"> <p>Set the red colour of the colour bar to be the deepest.</p> <p>W Y C G M R B</p> <p>W Y C G M R B</p> <p>B/W (Except red)</p> <p>COLOUR</p> </div> <p>Fig.11</p> <div data-bbox="100 840 824 1245" data-label="Figure"> <p>Set the red colour of the colour bar to be the deepest.</p> <p>W Y C G M R B</p> <p>W Y C G M R B</p> <p>B/W (Except red)</p> <p>COLOUR</p> </div> <p>Fig.12</p>				
WHITE BALANCE (HIGH LIGHT)	Remote control unit Signal generator		[2. V/C] S13: R GAIN S15: G GAIN S17: B GAIN	<ol style="list-style-type: none"> (1) Receive a PAL 75% all-white signal. (2) Set colour temperature to "NORMAL." (3) Select "2. V/C" from the SERVICE MENU. (4) Fix one of < S13 > (R GAIN), < S15 > (G GAIN), or < S17 > (B GAIN). Then, lower the other two that are not fixed so that the all-white screen is equally white throughout. <p>NOTE: Set one or more of < S13 >, < S15 >, and < S17 > to 255.</p> <ol style="list-style-type: none"> (5) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (6) Press the [OK] key to memorize the set value.

JVC

SCHEMATIC DIAGRAMS

LCD FLAT TELEVISION

**LT-26C31BJE, LT-26C31BUE,
LT-26C31SJE, LT-26C31SUE**

CD-ROM No.SML200311

BASIC CHASSIS

MK




InterArt
D.I.S.T.
Digital Image Scaling Technology
T-V LINK

LT-26C31BJE, LT-26C31BUE LT-26C31SJE, LT-26C31SUE

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the  symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1)Input signal : Colour bar signal
- (2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3)Internal resistance of tester : DC 20k Ω /V
- (4)Oscilloscope sweeping time : H \Rightarrow 20 μ s / div
: V \Rightarrow 5ms / div
: Others \Rightarrow Sweeping time is specified
- (5)Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R1209 \rightarrow R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

- No unit : [Ω]
- K : [k Ω]
- M : [M Ω]

● Rated allowable power

- No indication : 1/16 [W]
- Others : As specified

● Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflamable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

- 1 or higher : [pF]
- less than 1 : [μ F]

● Withstand voltage

- No indication : DC50[V]
- Others : DC withstand voltage [V]
- AC indicated : AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [μ F]/withstand voltage[V]

● Type

- No indication : Ceramic capacitor
- MM : Metalized mylar capacitor
- PP : Polypropylene capacitor
- MPP : Metalized polypropylene capacitor
- MF : Metalized film capacitor
- TF : Thin film capacitor
- BP : Bipolar electrolytic capacitor
- TAN : Tantalum capacitor

(3)Coils

- No unit : [μ H]
- Others : As specified

(4)Power Supply

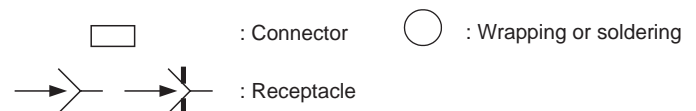


* Respective voltage values are indicated





(5)Test point





(6)Connecting method



(7)Ground symbol

-  : LIVE side ground
-  : ISOLATED(NEUTRAL) side ground
-  : EARTH ground
-  : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED(NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.

When ordering parts, please use the numbers that appear in the Parts List.

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USING P.W. BOARD

TUNER P.W. BOARD	SMK0R601A-U2
MSP P.W. BOARD	SMK0A601A-U2
RECEIVER P.W. BOARD	SMK0J601A-U2
VIDEO P.W. BOARD	SMK-1601A-U2
MI-COM & DIST P.W. ASS'Y	SMK0Z601A-U2
POWER P.W. BOARD	SMK-9601A-U2
REGULATOR P.W. BOARD	SMK-9611A-U2
FRONT CONTROL P.W. BOARD	SMK0L601A-U2
FRONT SENSOR P.W. BOARD	SMK0L602A-U2

SEMICONDUCTOR SHAPES

TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW

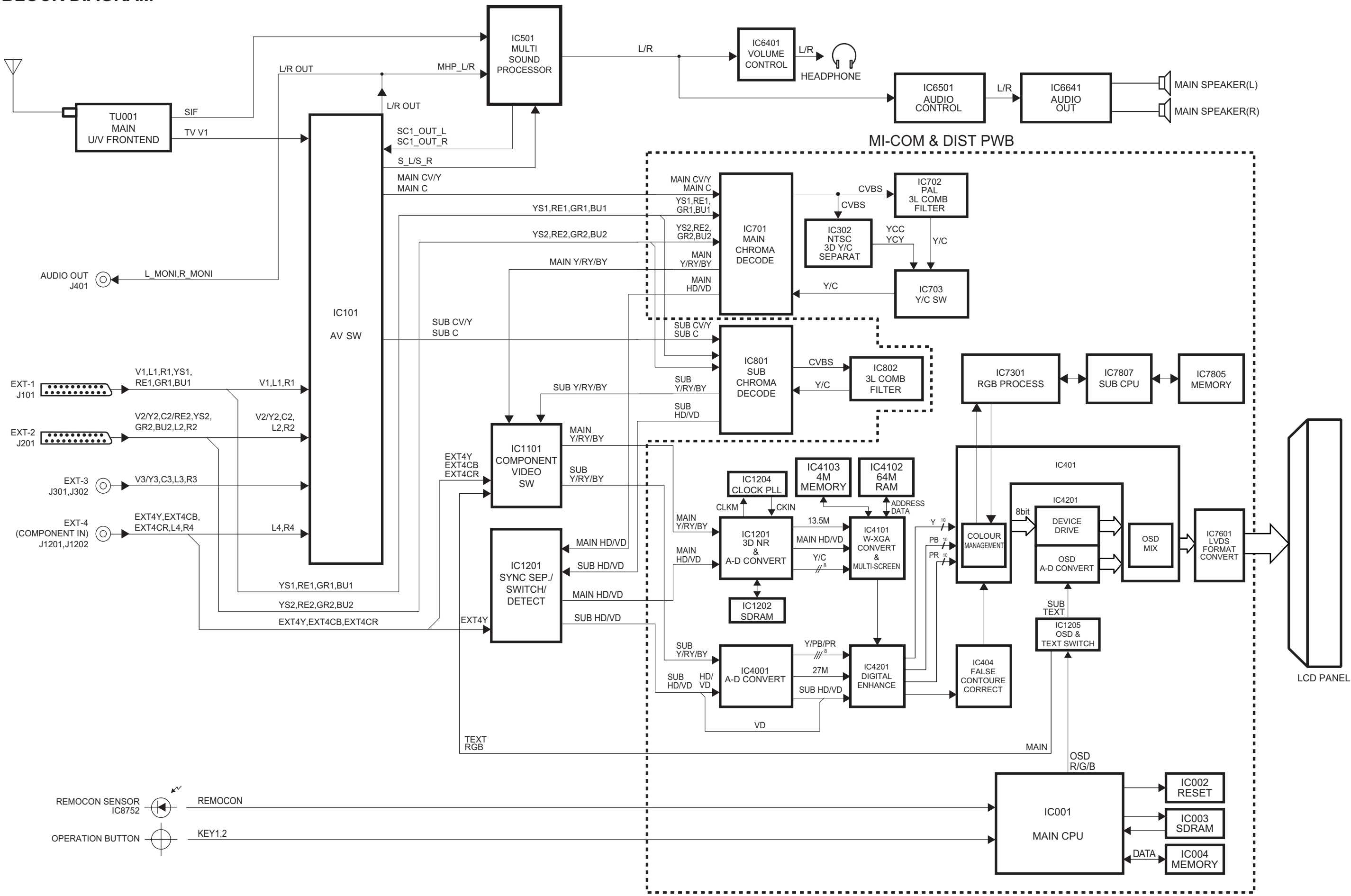
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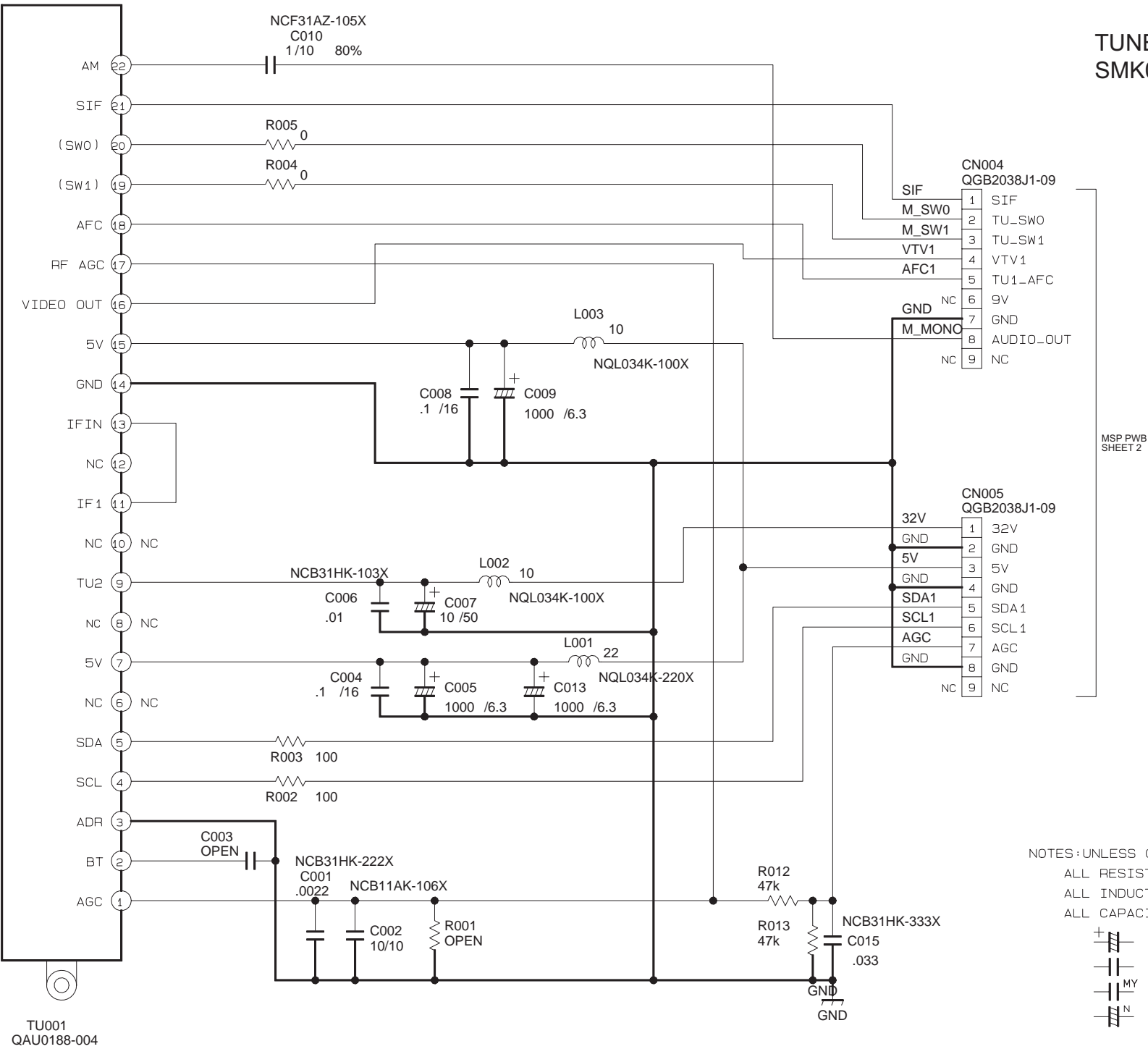
BOTTOM VIEW	FRONT VIEW			TOP VIEW

CHIP IC

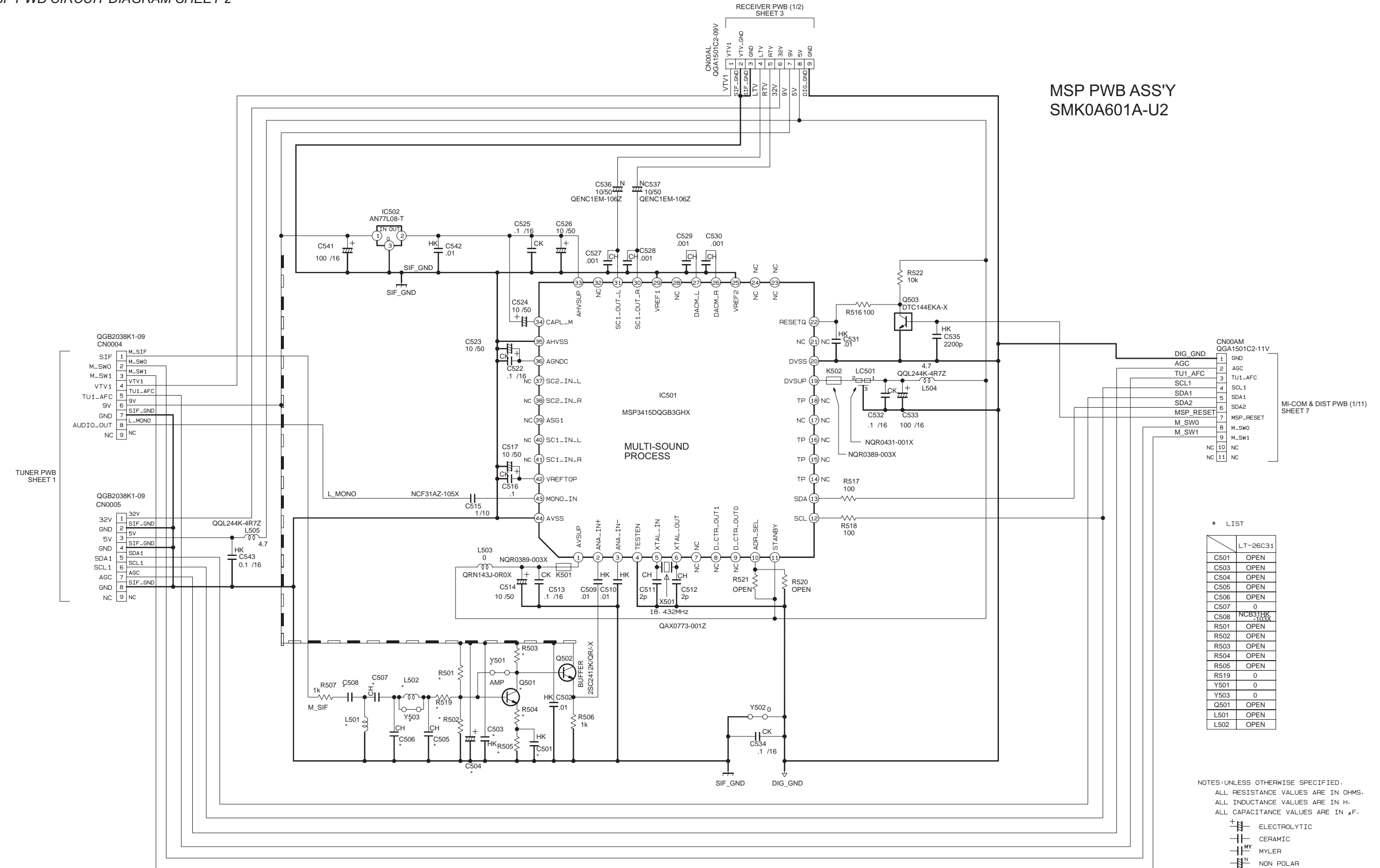
TOP VIEW		

BLOCK DIAGRAM

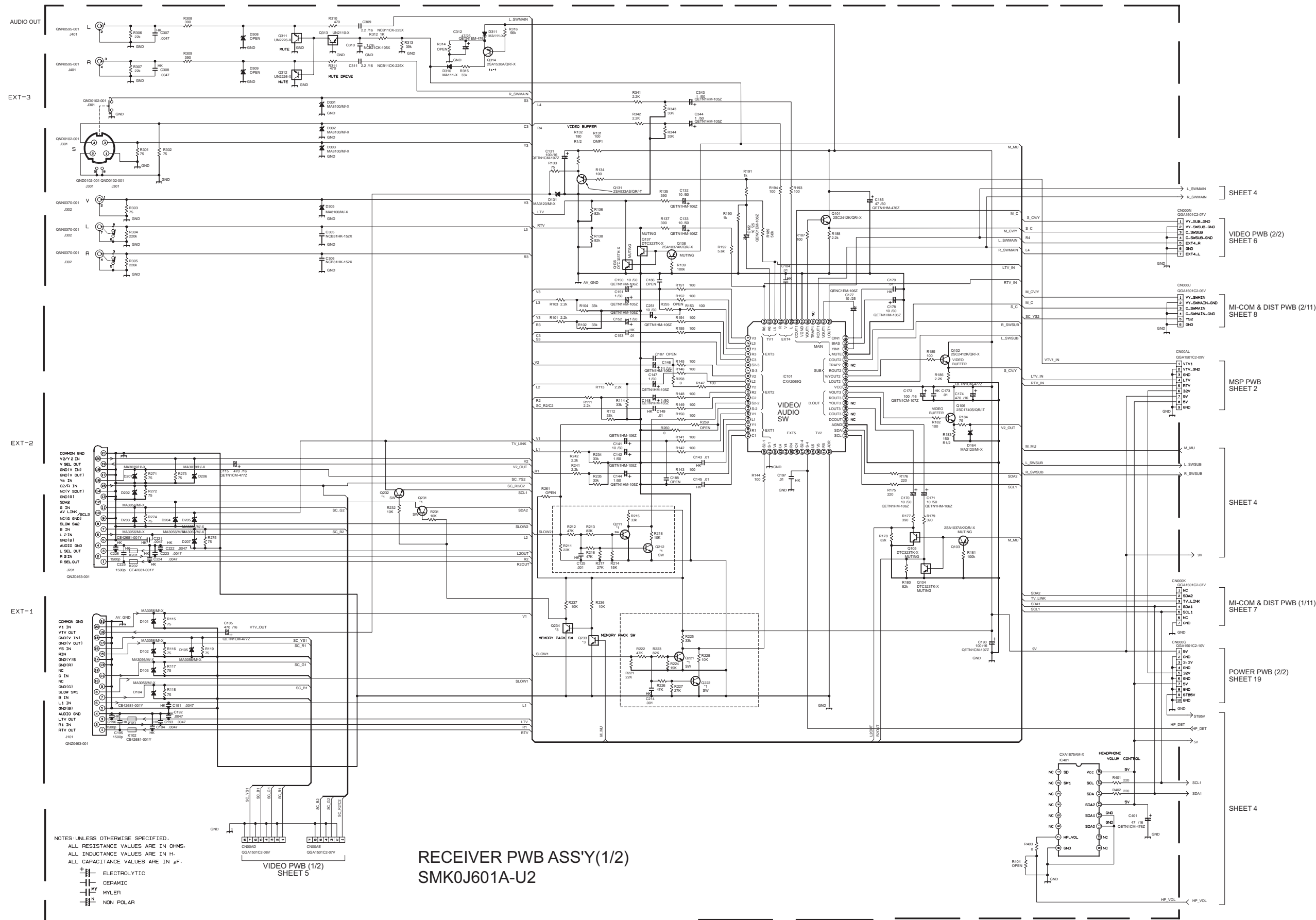




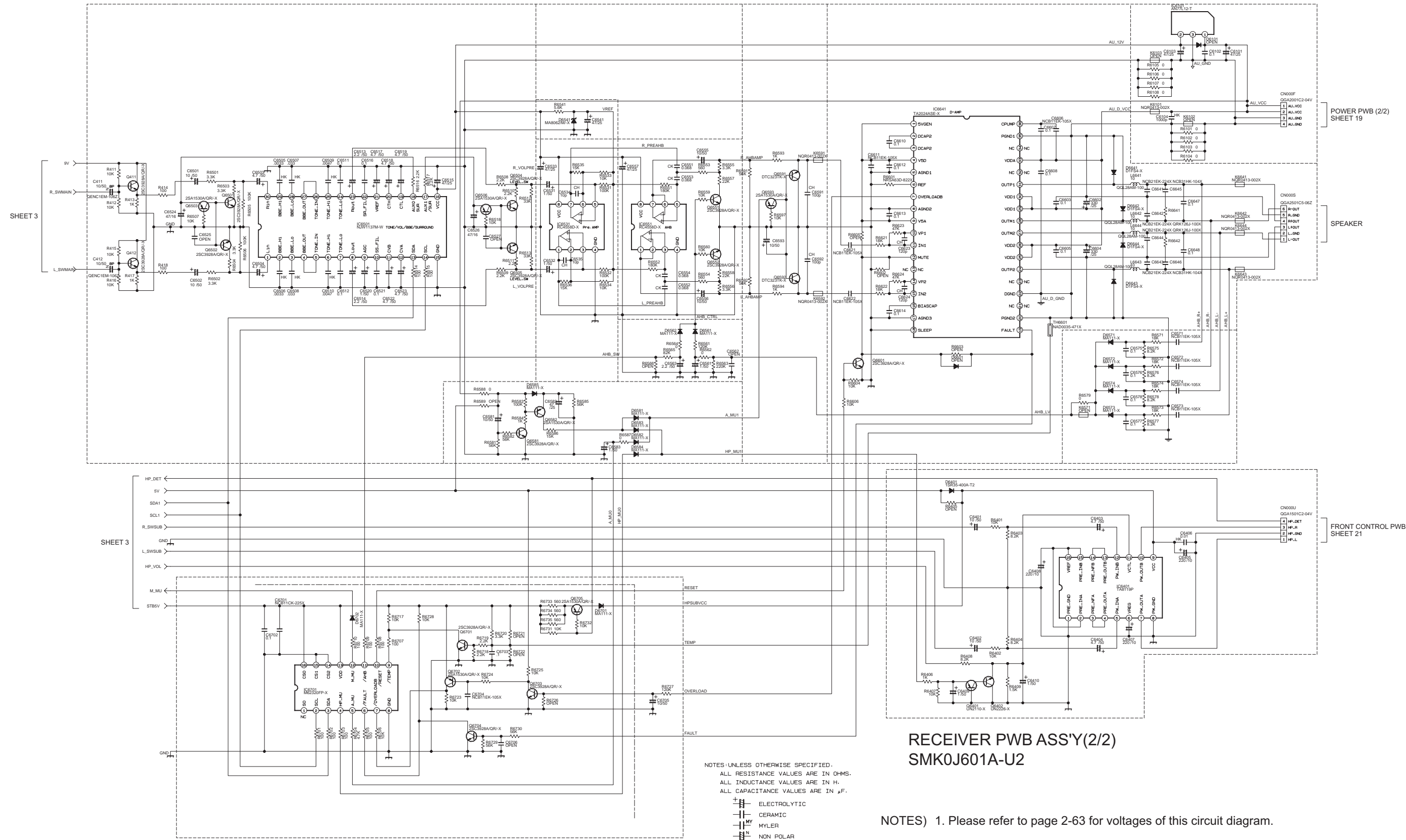
NOTES) 1. Please refer to page 2-63 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.

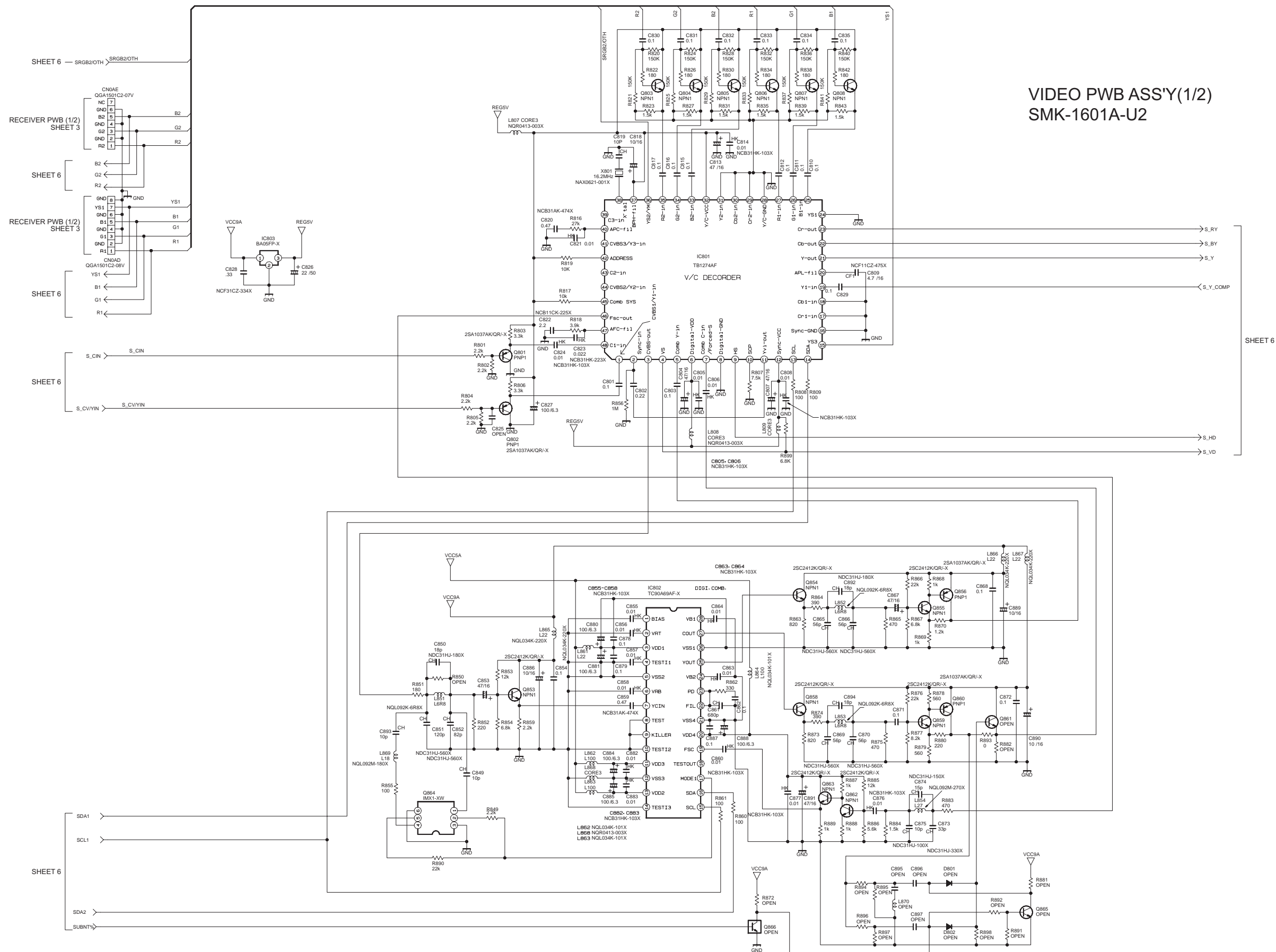


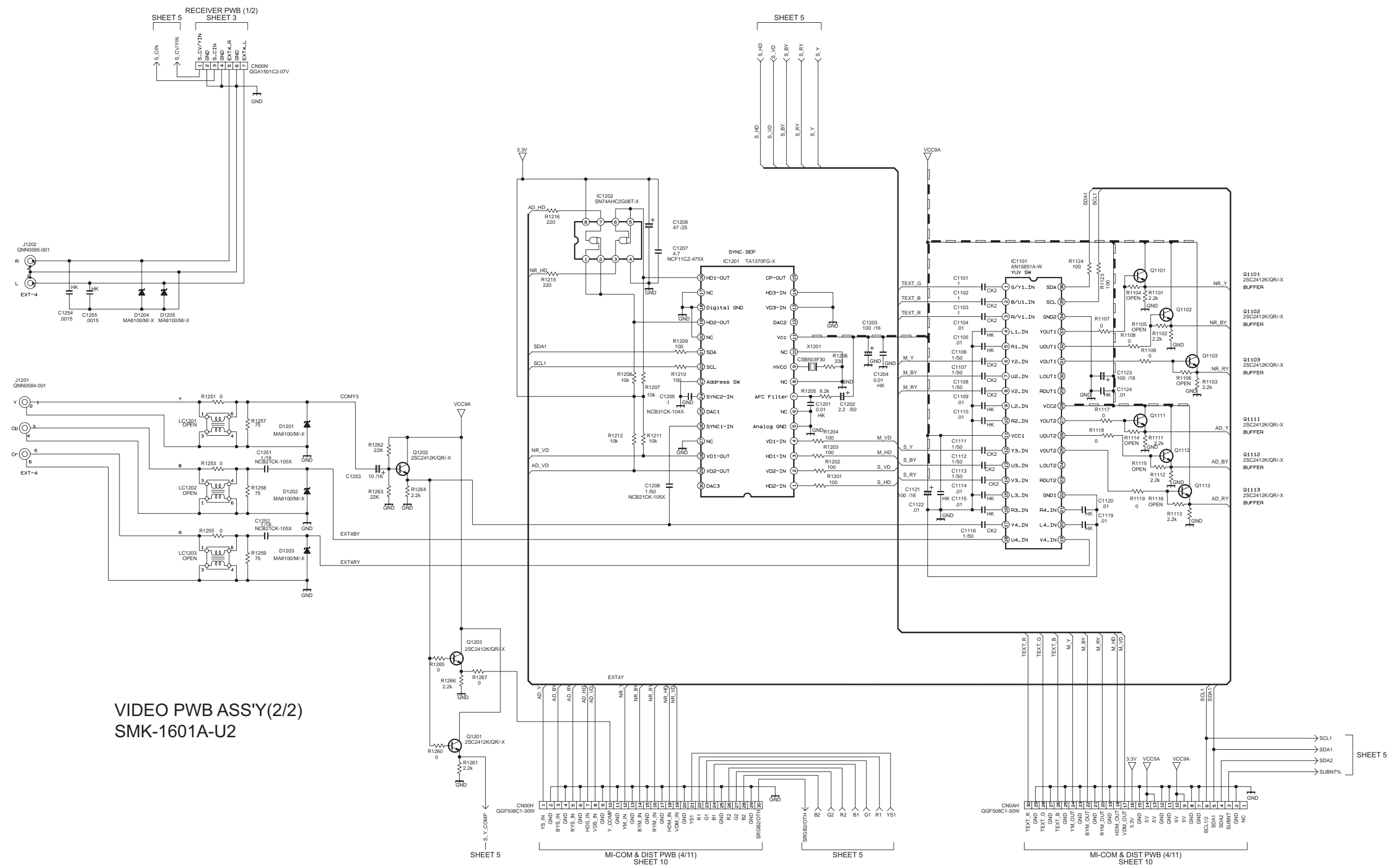
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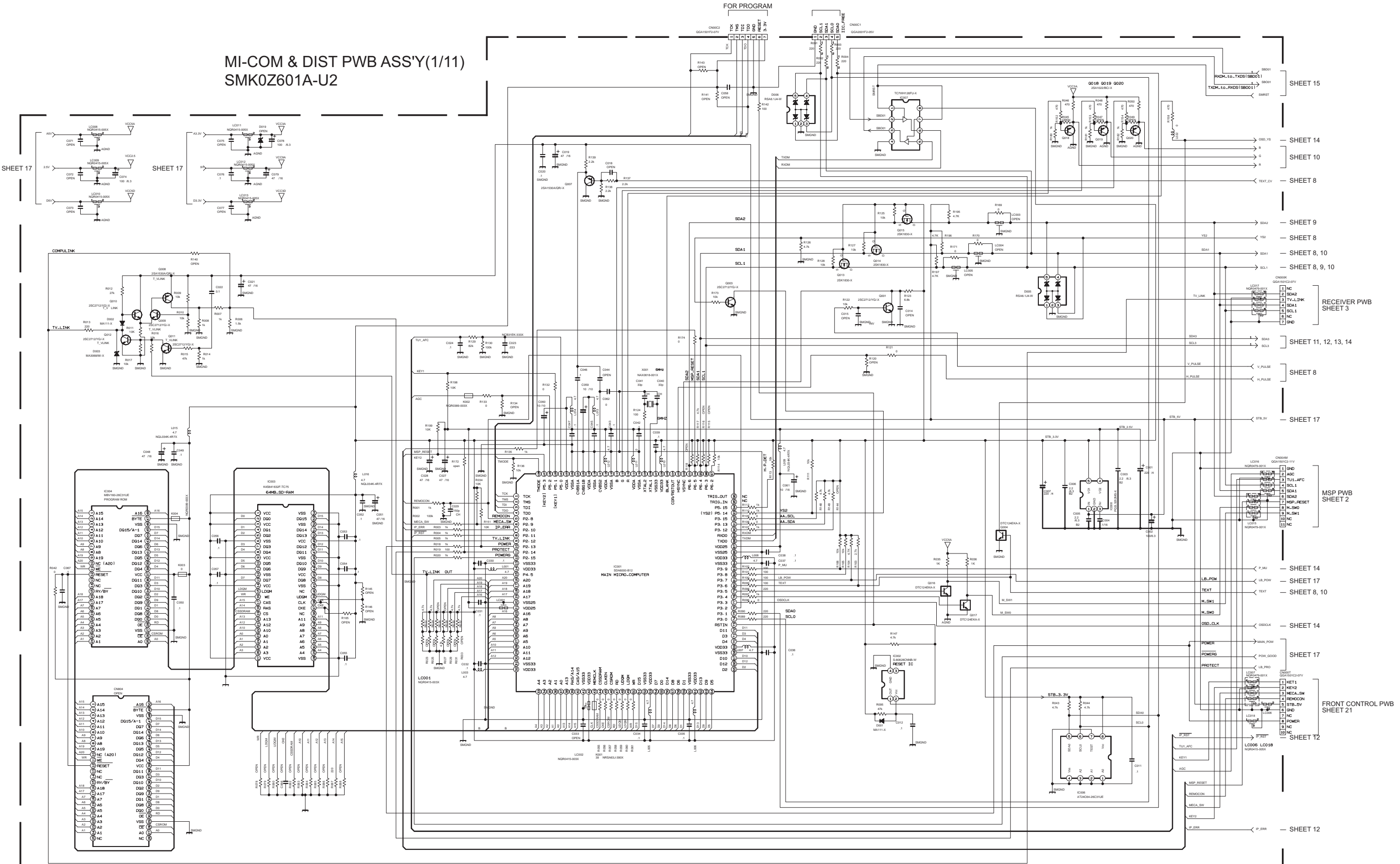
NOTES) 1. Please refer to page 2-63 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.



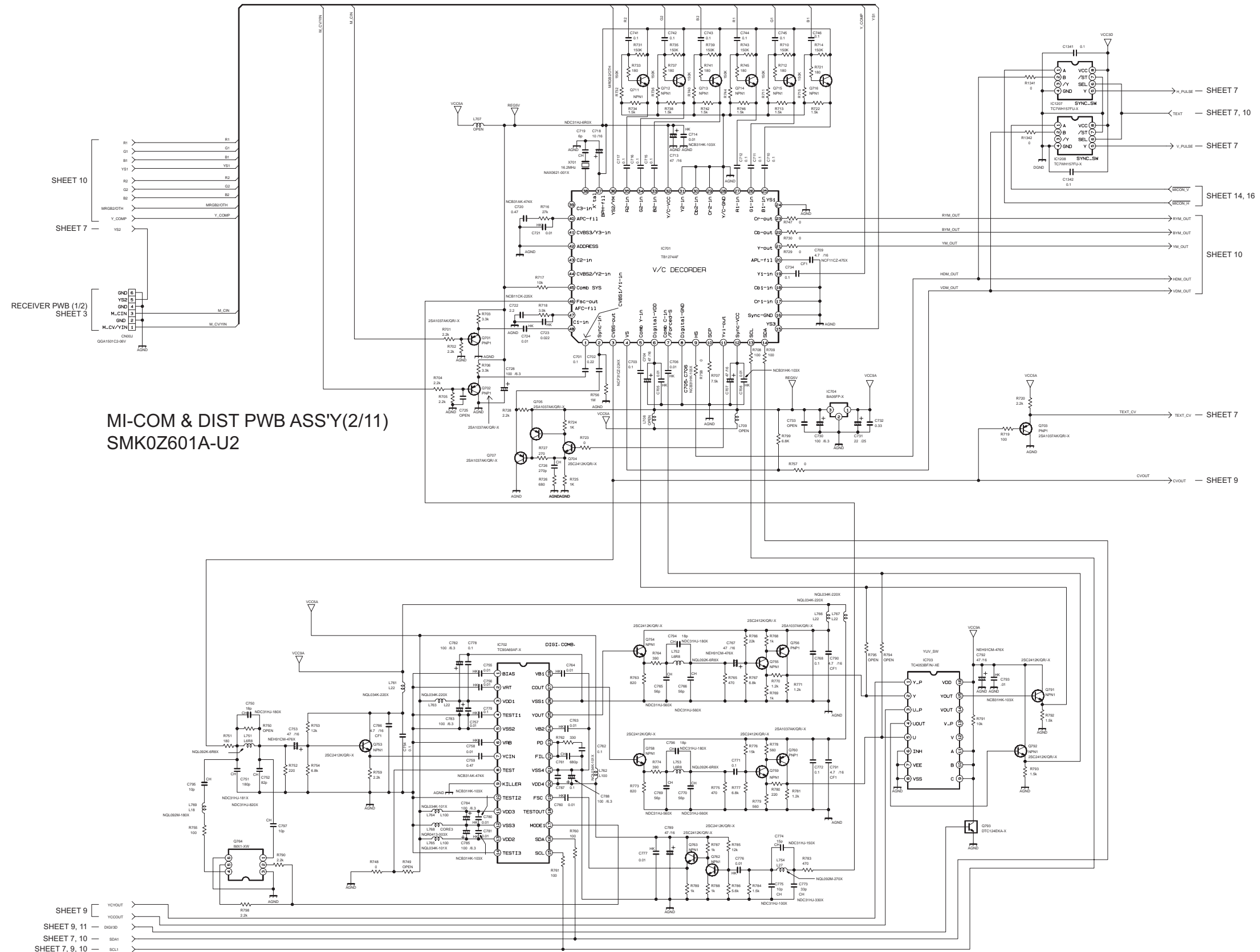




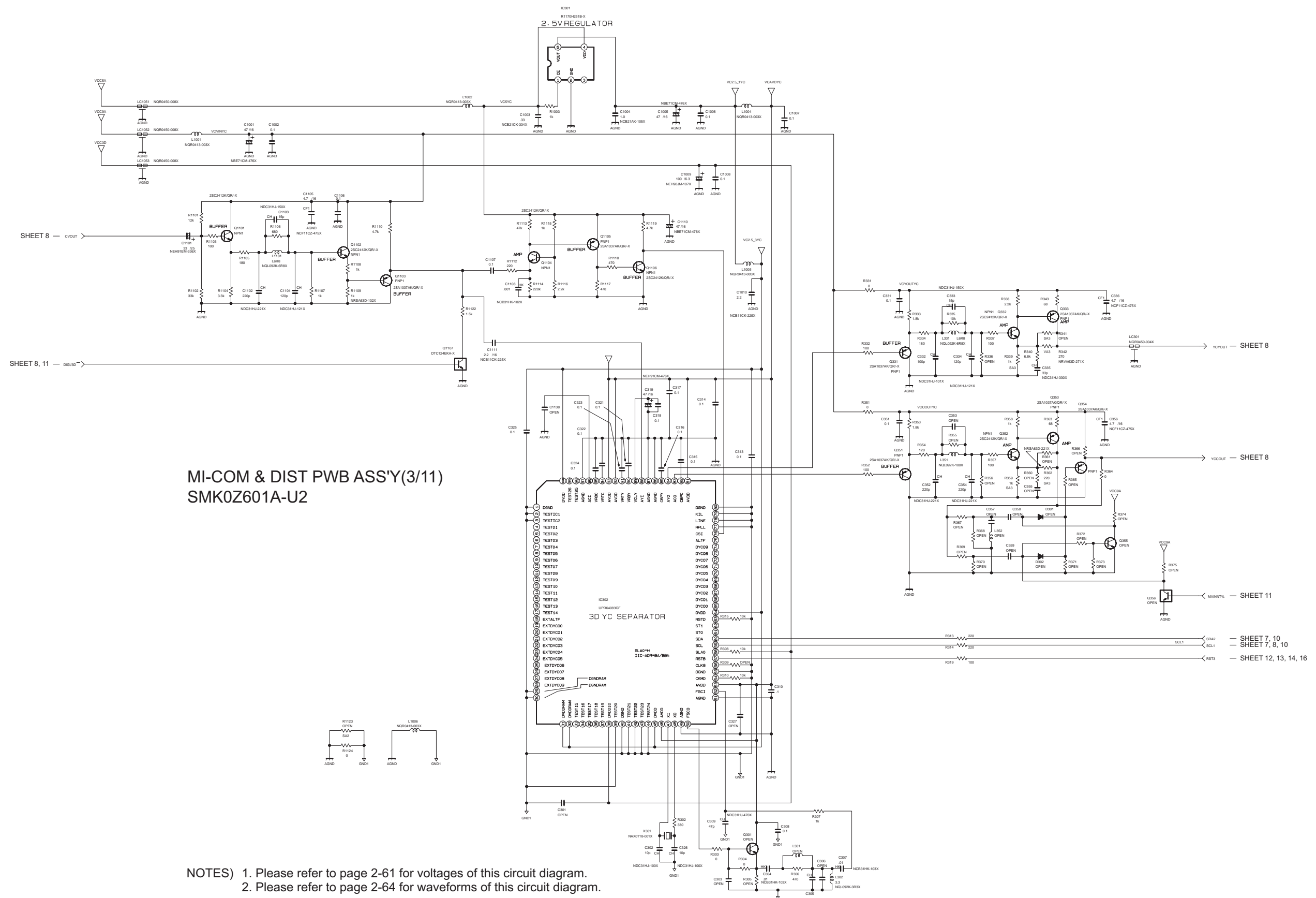
NOTES) 1. Please refer to page 2-63 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.



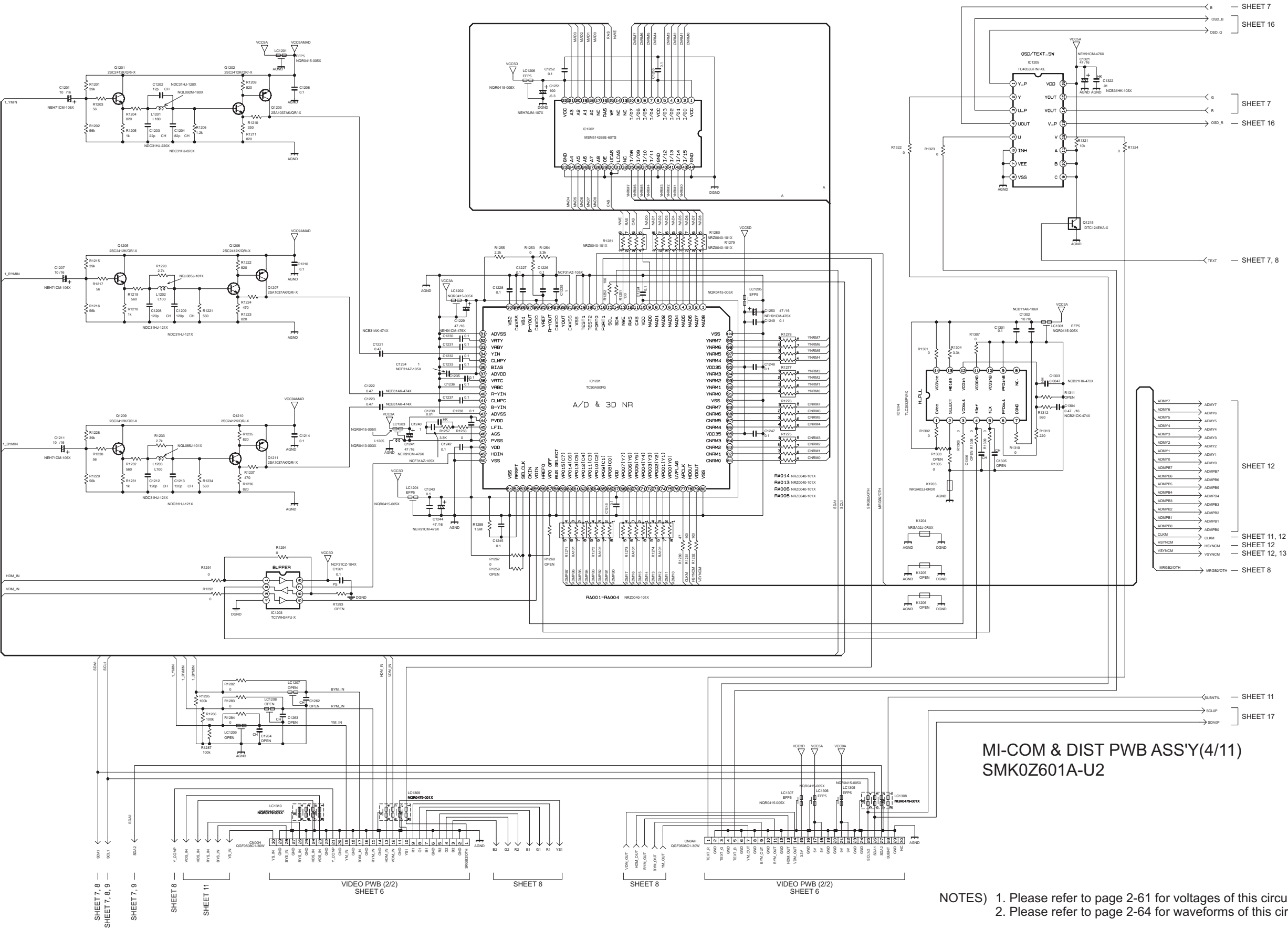
NOTES) 1. Please refer to page 2-61 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.



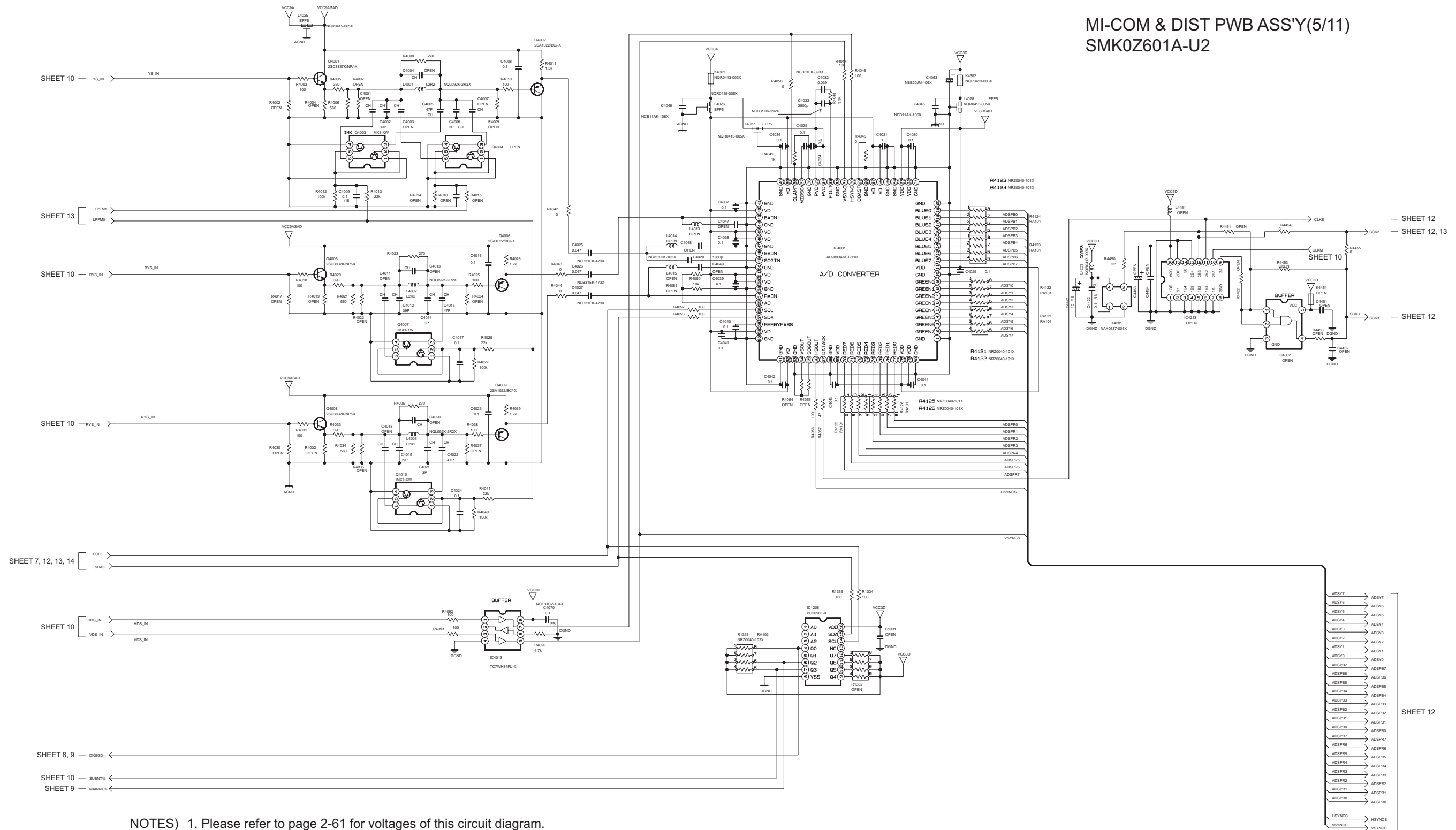
NOTES) 1. Please refer to page 2-61 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.



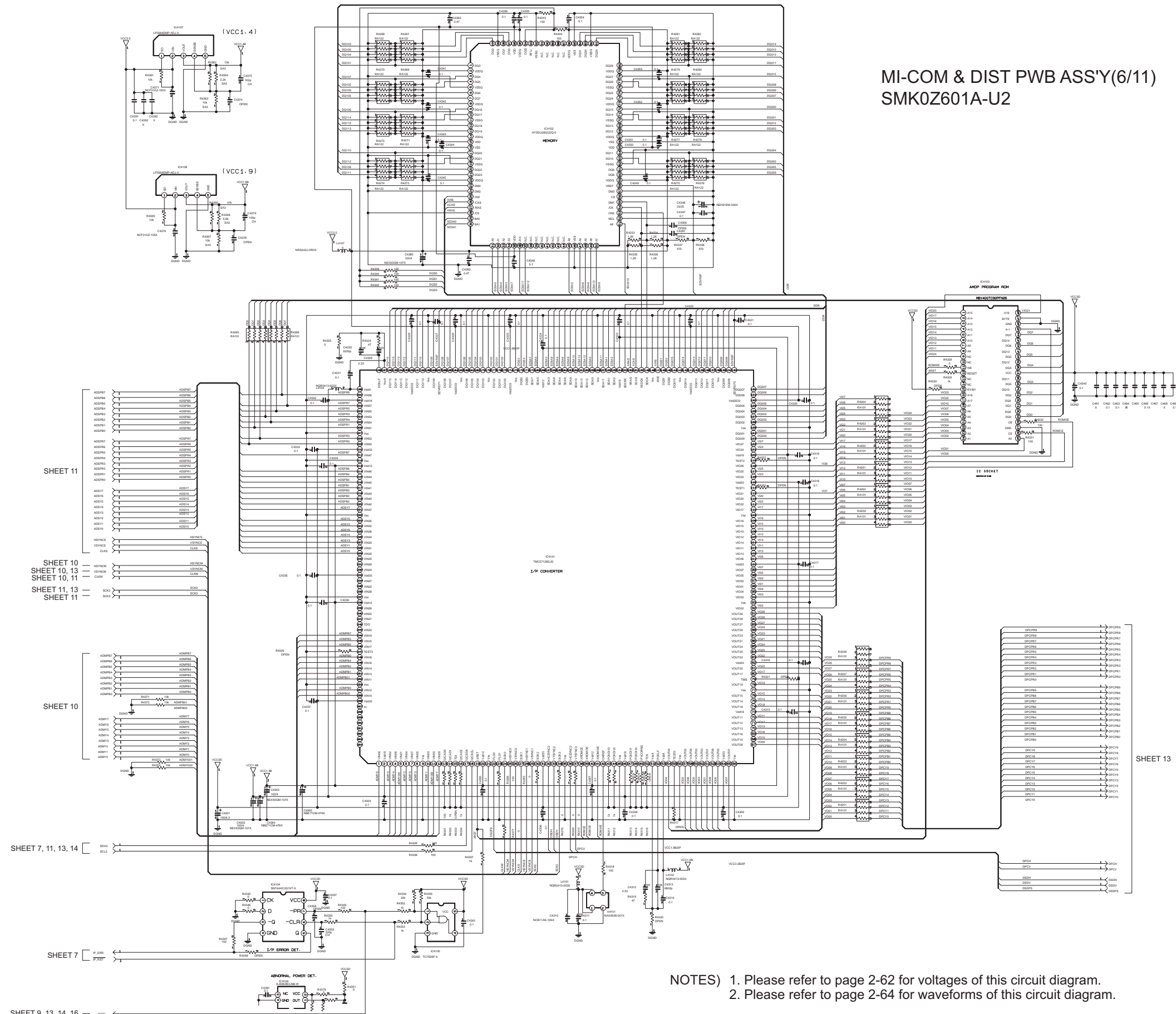
NOTES) 1. Please refer to page 2-61 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.



NOTES) 1. Please refer to page 2-61 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.

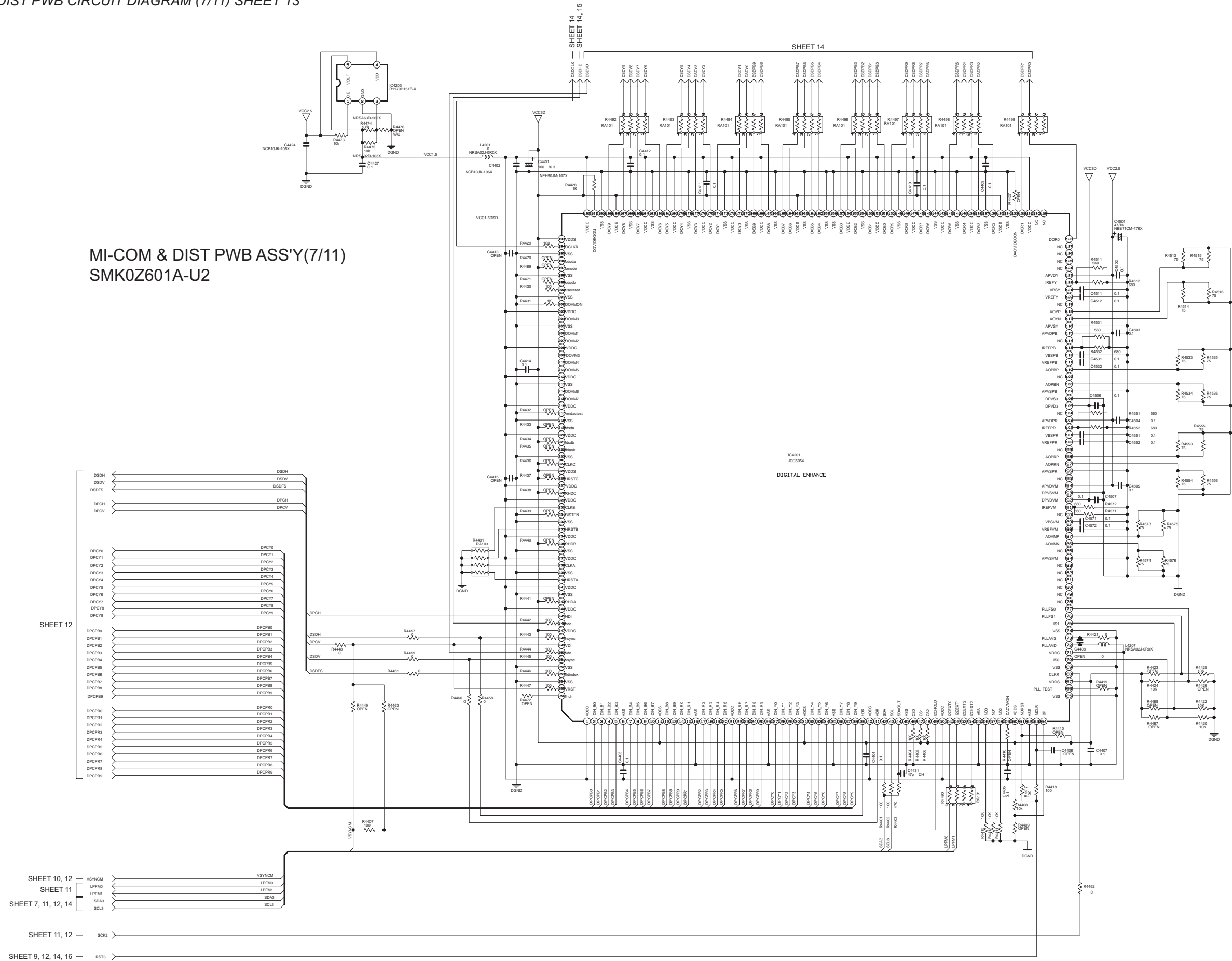


NOTES) 1. Please refer to page 2-61 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.



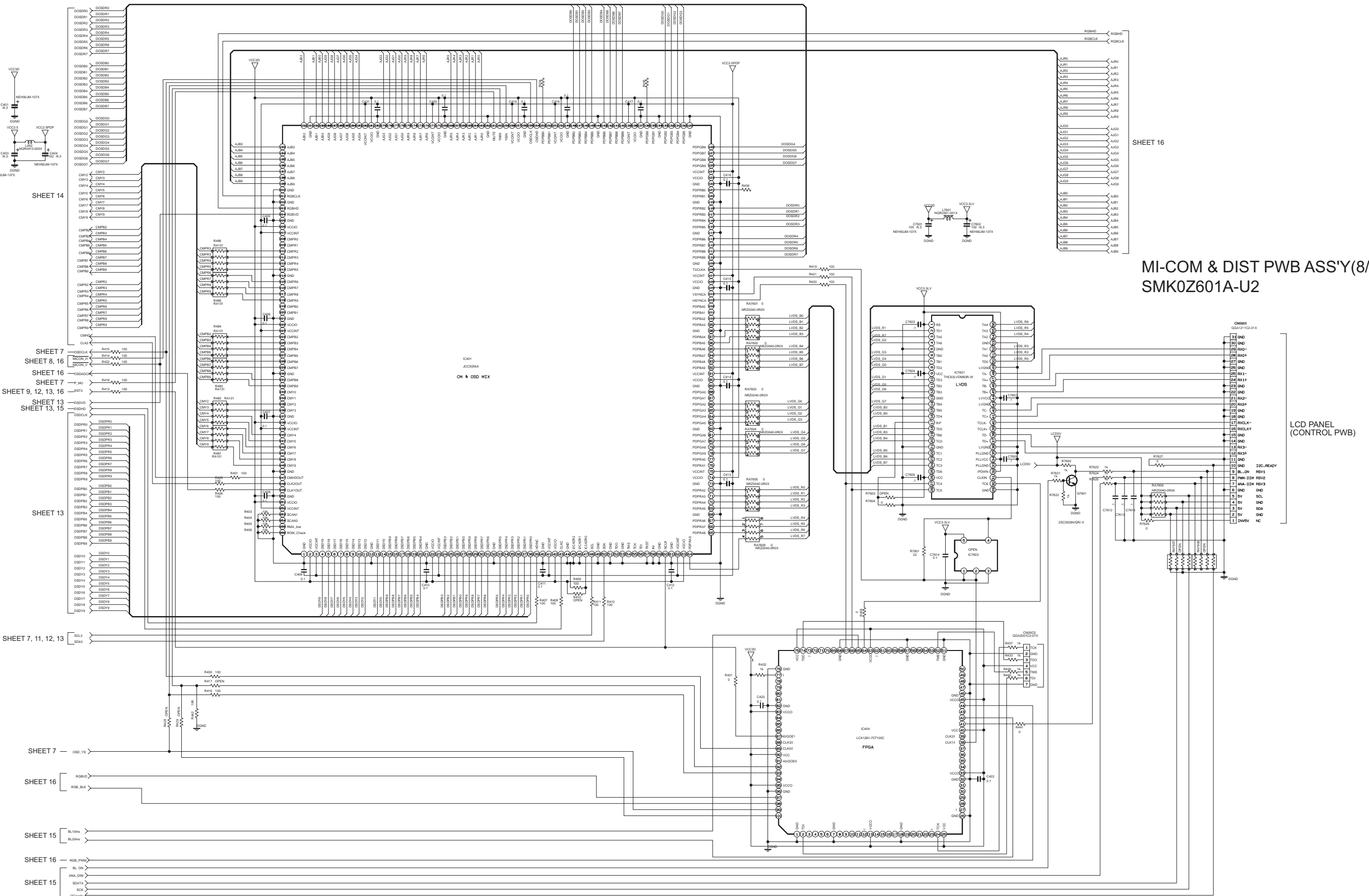
NOTES) 1. Please refer to page 2-62 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.

MI-COM & DIST PWB ASS'Y(7/11)
SMK0Z601A-U2

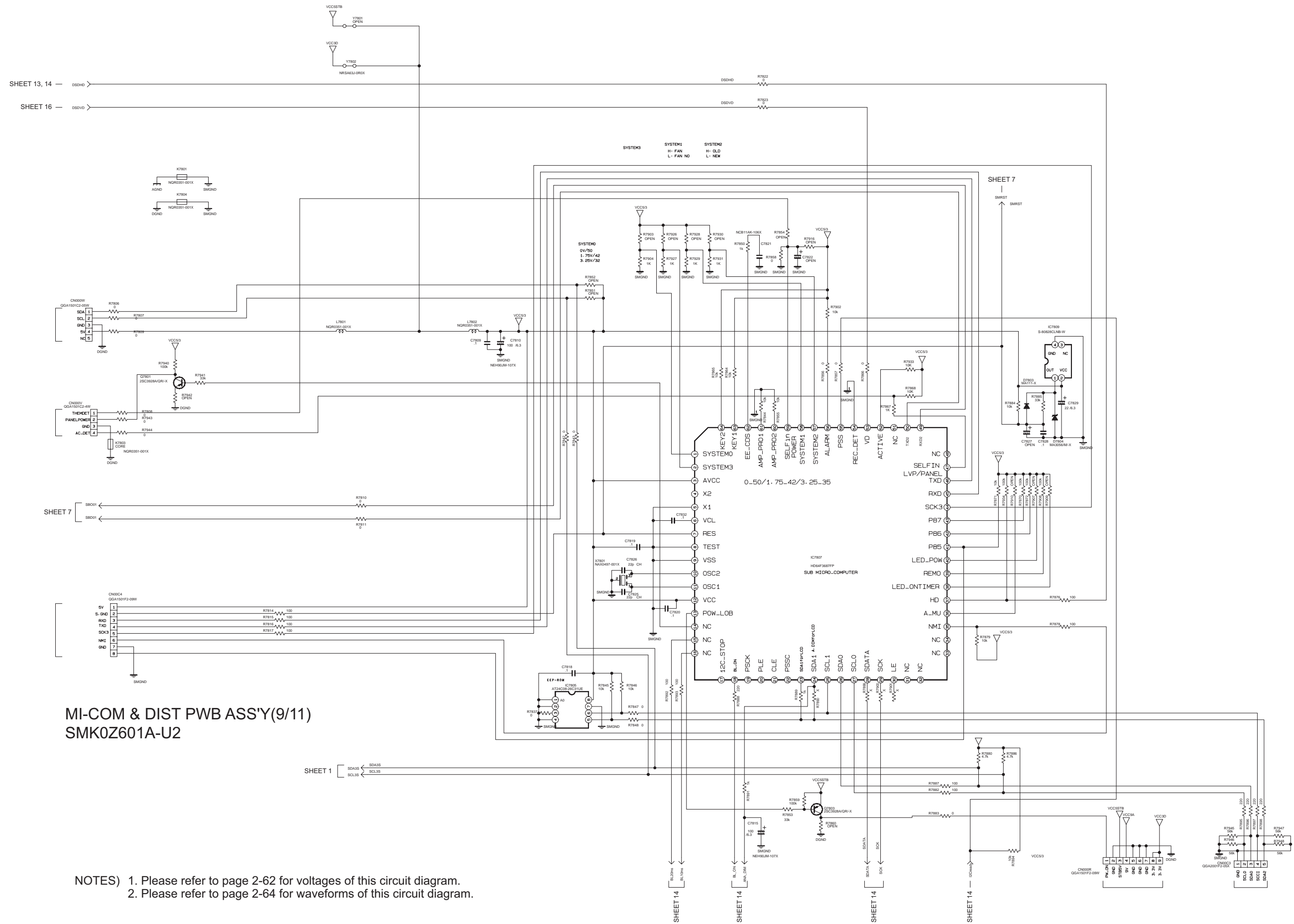


NOTES) 1. Please refer to page 2-62 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.

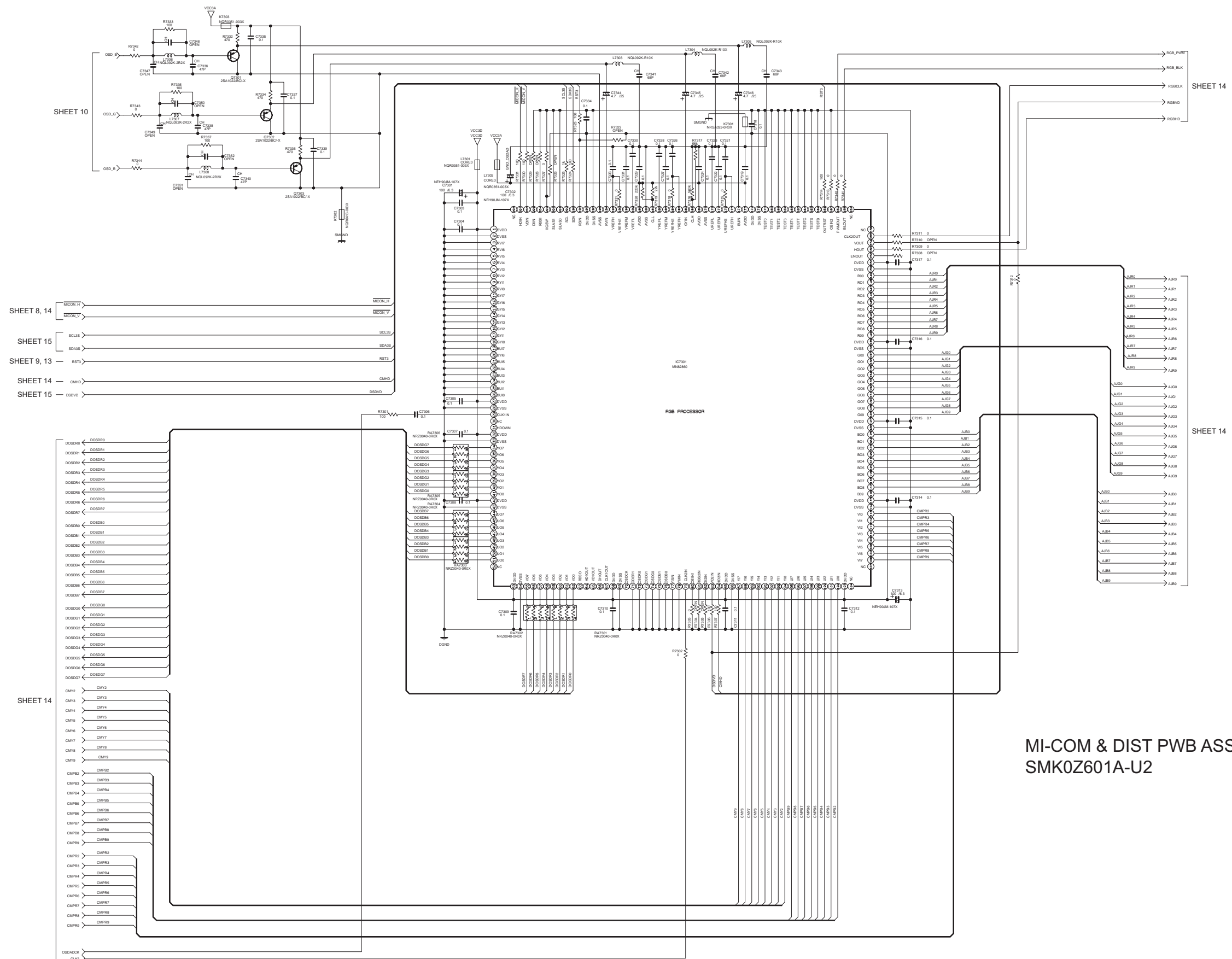
SHEET 16

MI-COM & DIST PWB ASS'Y(8/11)
SMK0Z601A-U2

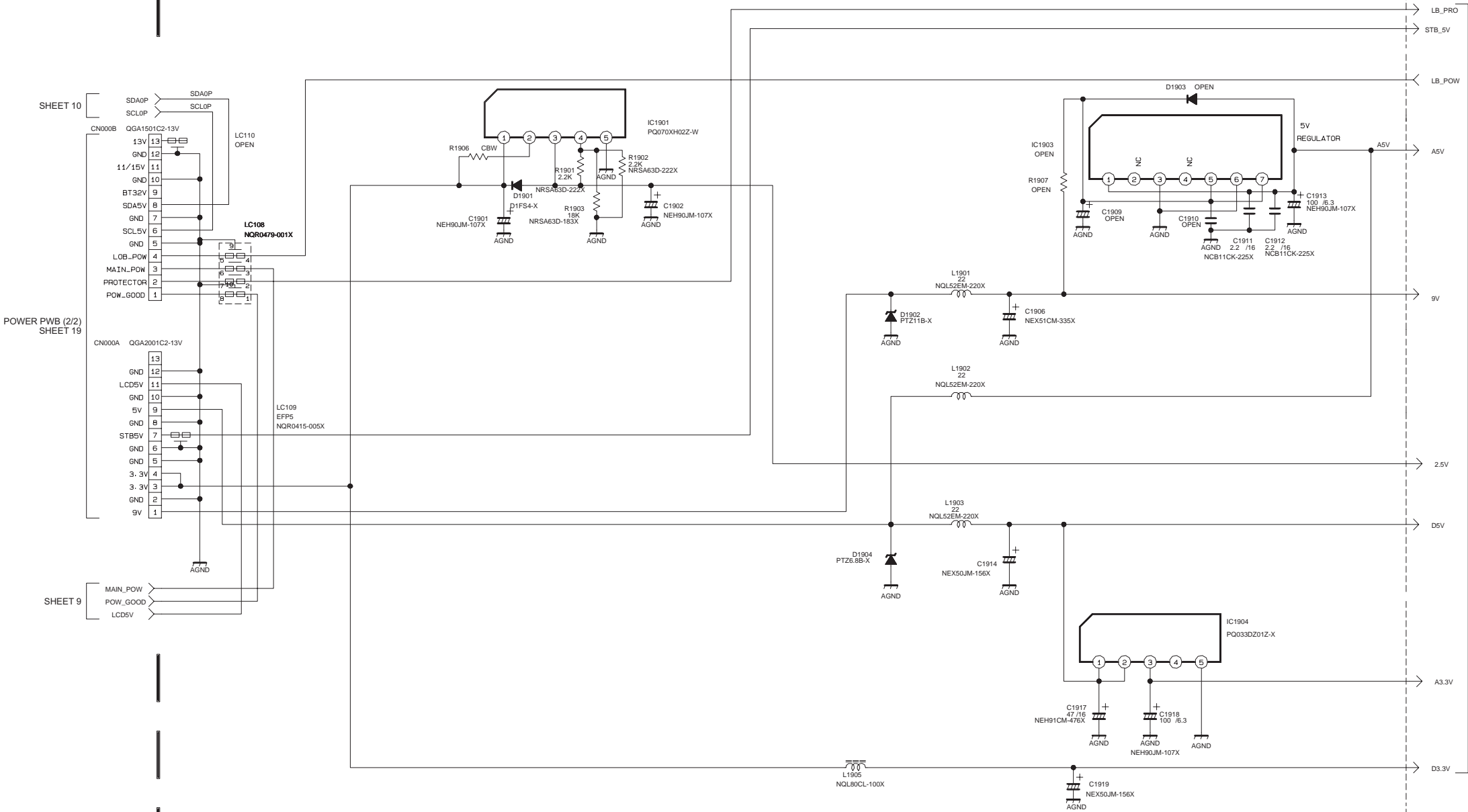
- NOTES) 1. Please refer to page 2-62 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.



NOTES) 1. Please refer to page 2-62 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.

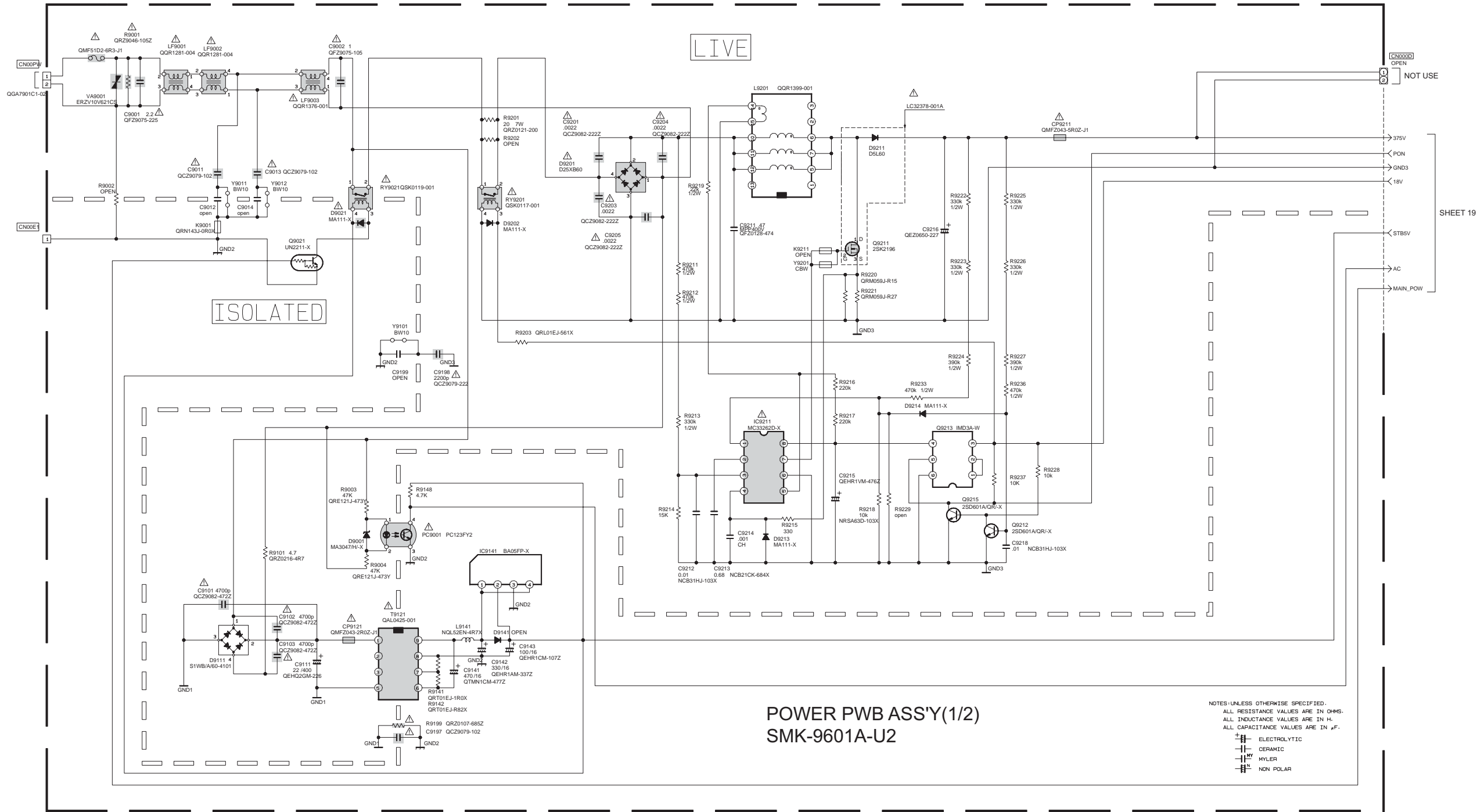


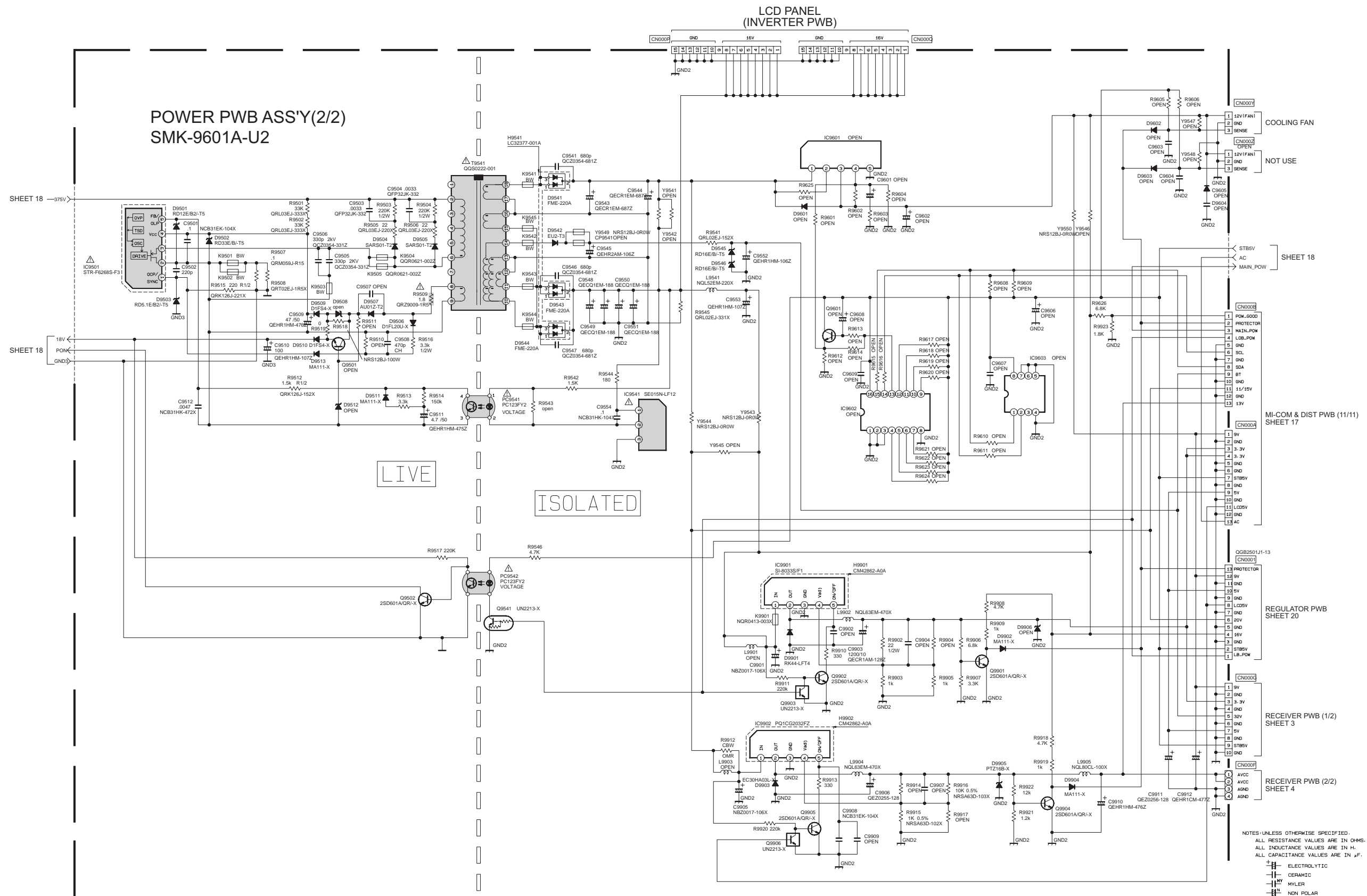
NOTES) 1. Please refer to page 2-62 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.



MI-COM & DIST PWB ASS'Y(11/11)
SMK0Z601A-U2

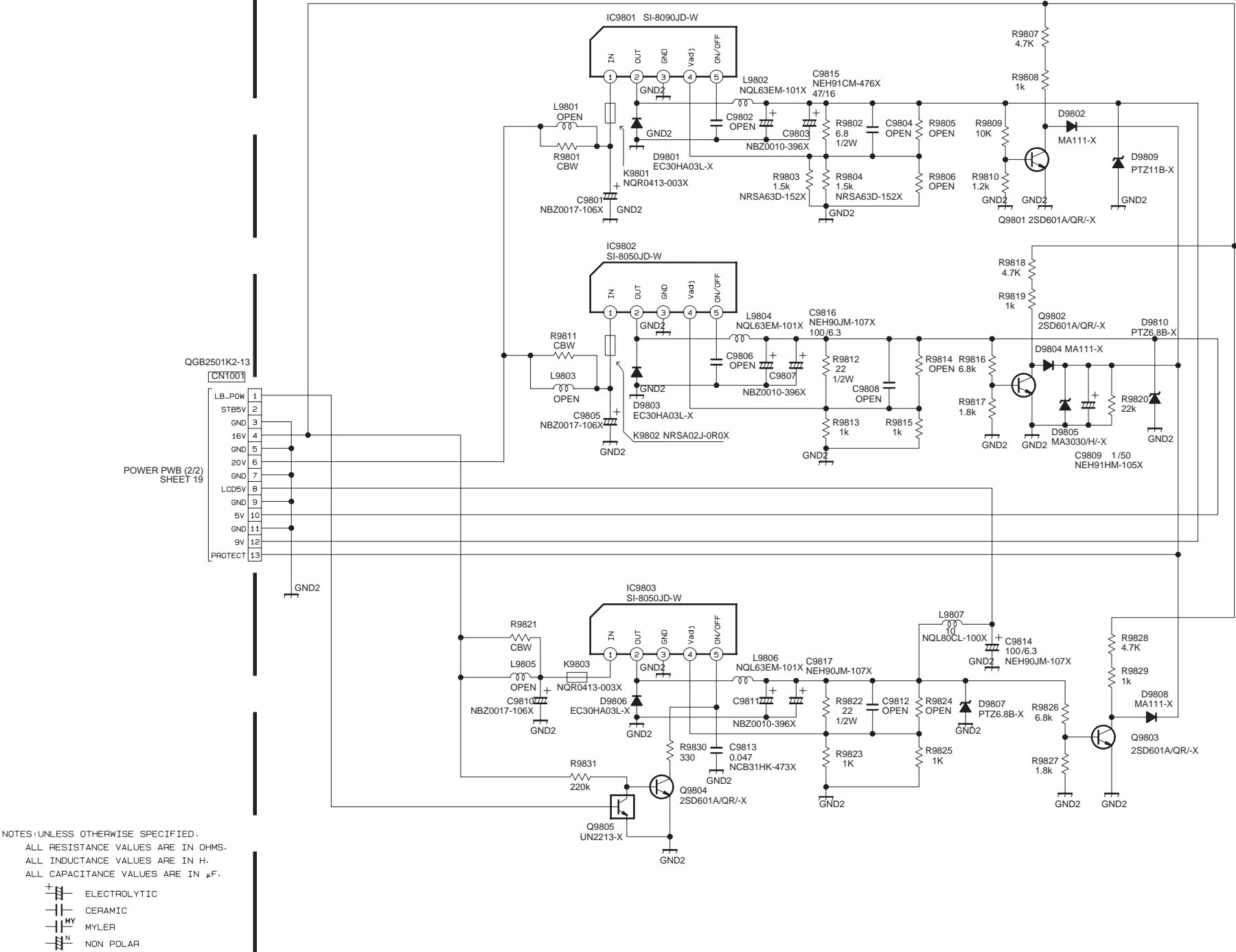
NOTES) 1. Please refer to page 2-62 for voltages of this circuit diagram.
2. Please refer to page 2-64 for waveforms of this circuit diagram.



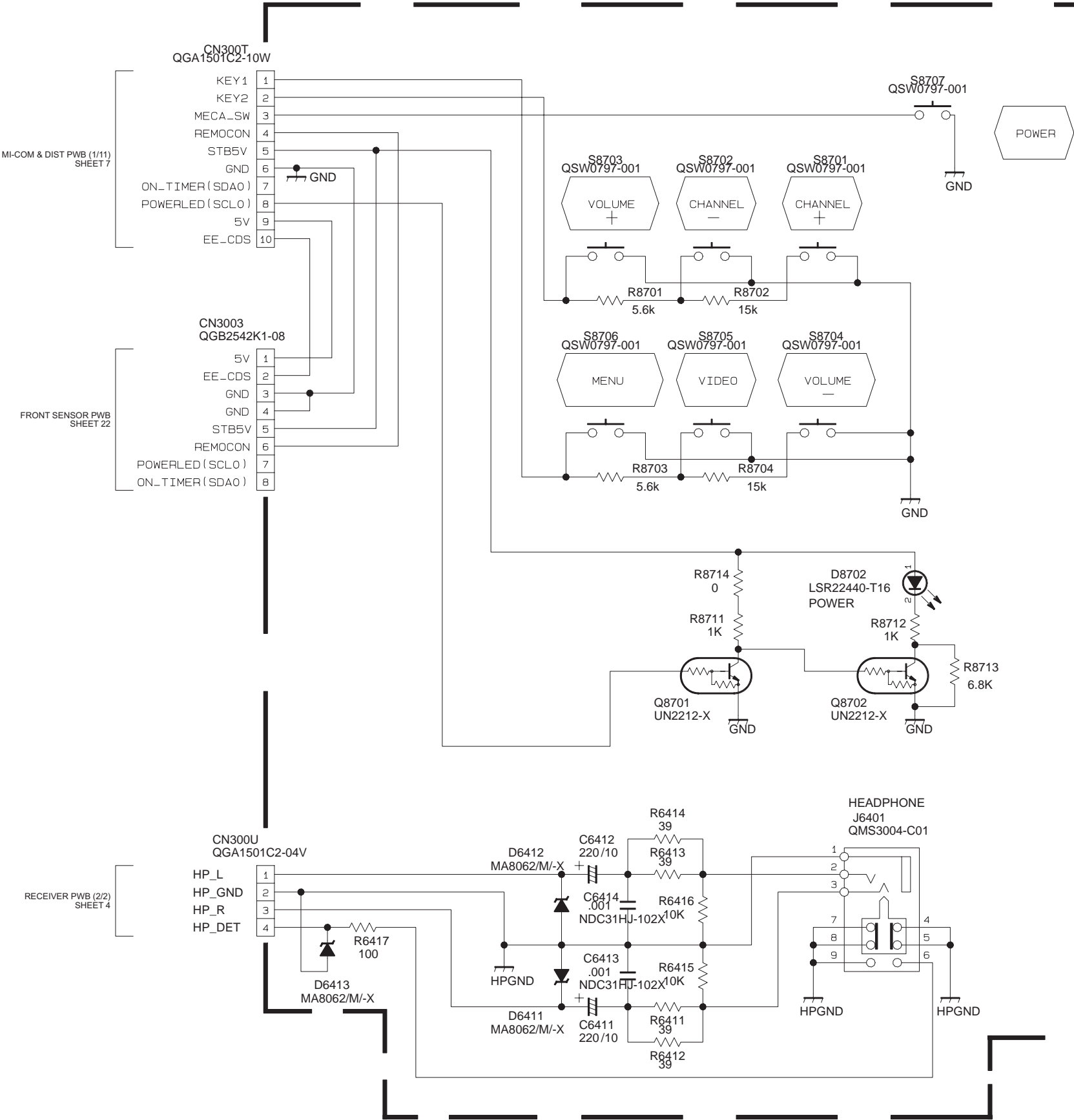


NOTES) 1. Please refer to page 2-63 for voltages of this circuit diagram.

REGULATOR PWB ASS'Y
SMK-9611A-U2



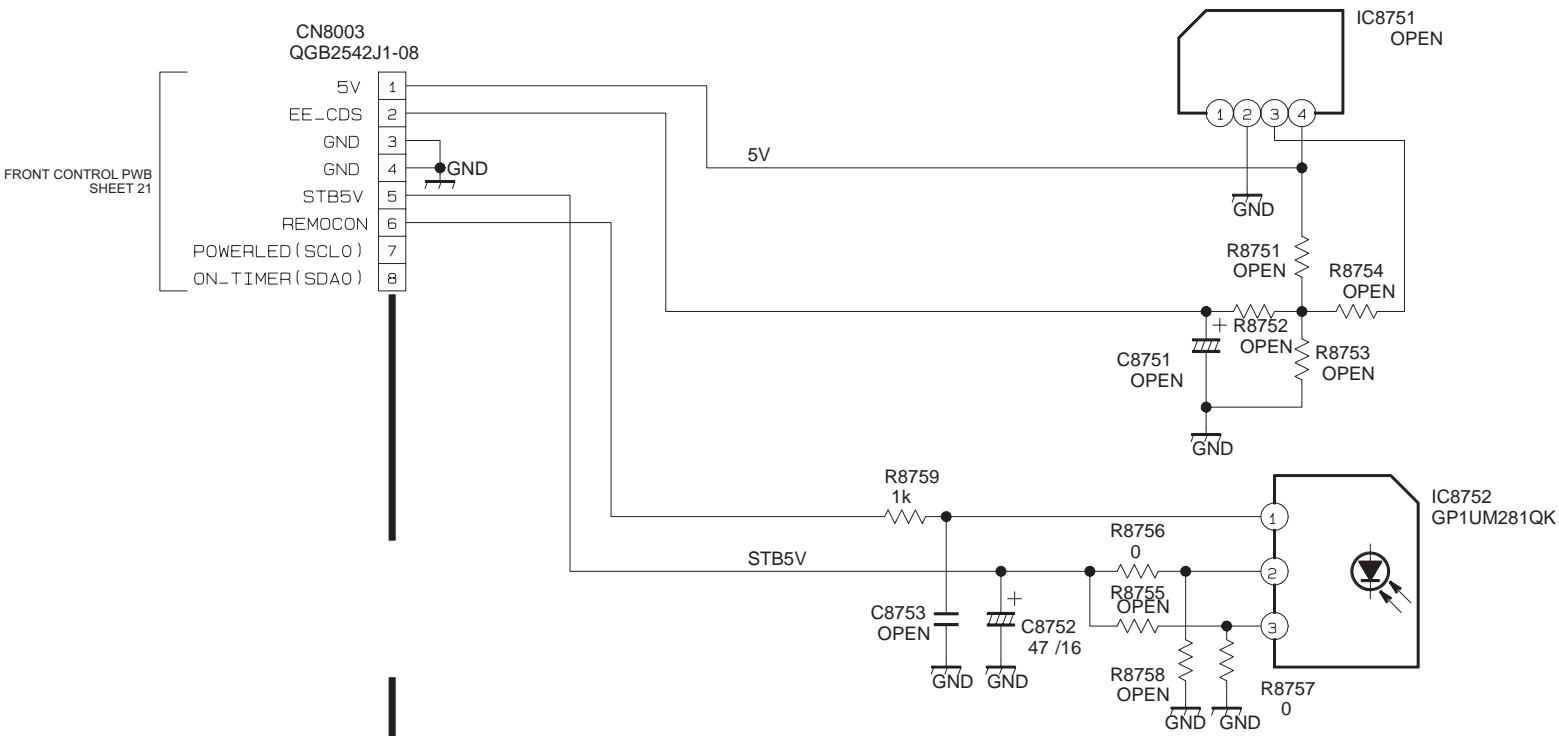
NOTES) 1. Please refer to page 2-63 for voltages of this circuit diagram.







NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

ELECTROLYTIC
 CERAMIC
 MYLER
 NON POLAR

NOTES) 1. Please refer to page 2-63 for voltages of this circuit diagram.



NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μ F.

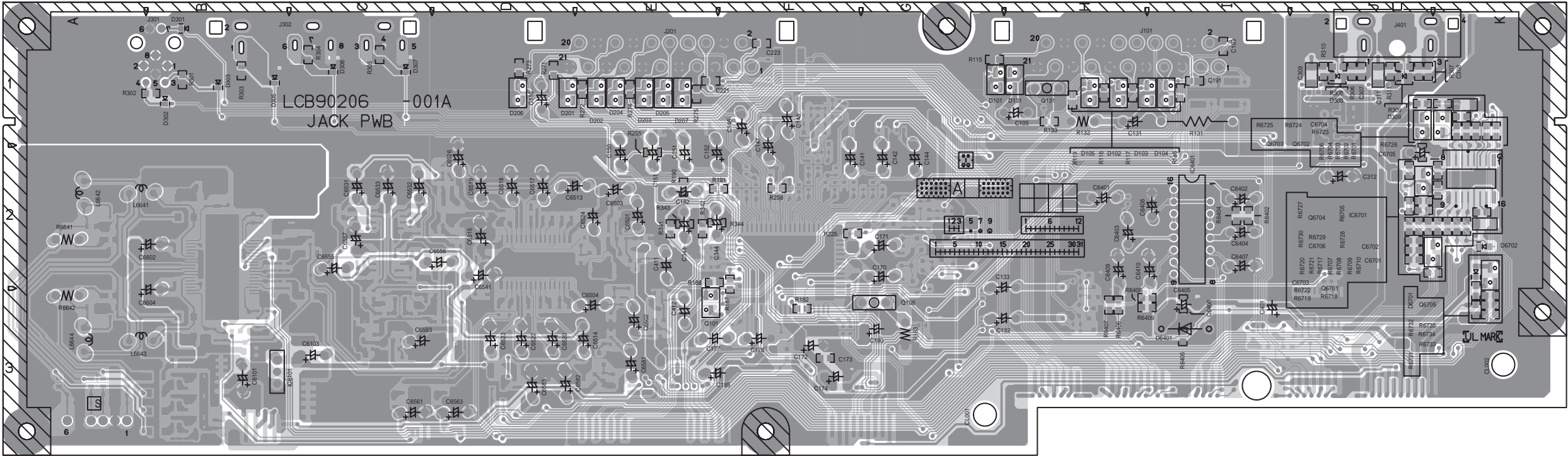
 ELECTROLYTIC
 CERAMIC
 MYLER
 NON POLAR

FRONT SENSOR PWB ASS'Y
SMK0L602A-U2

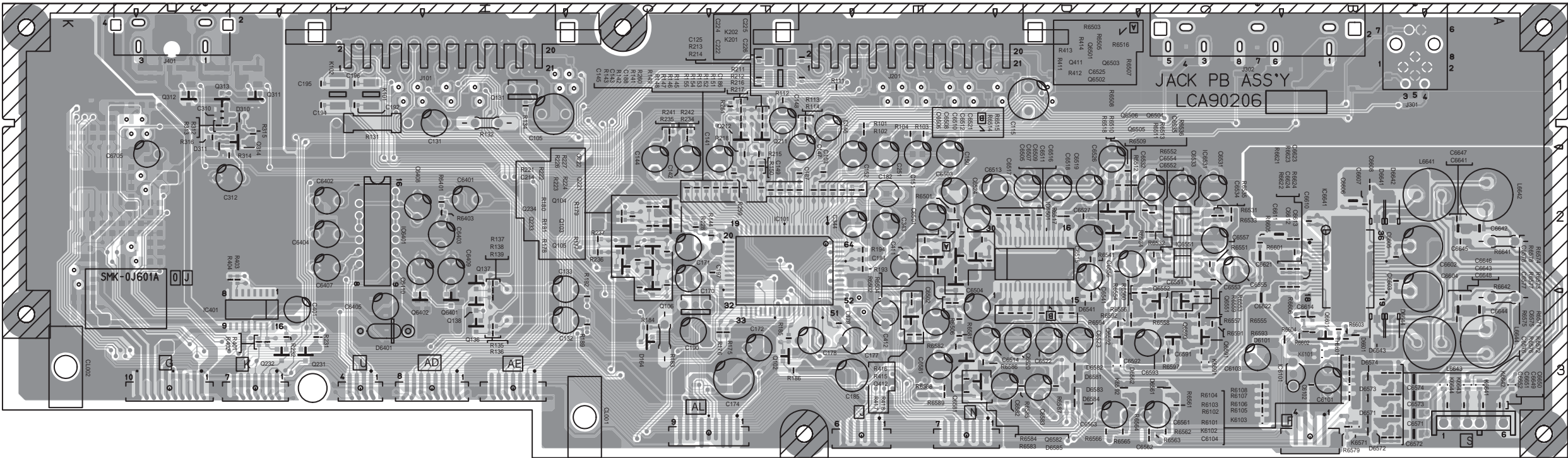
NOTES) 1. Please refer to page 2-63 for voltages of this circuit diagram.

PATTERN DIAGRAMS
RECEIVER PWB PATTERN [SOLDER SIDE]

TOP
←

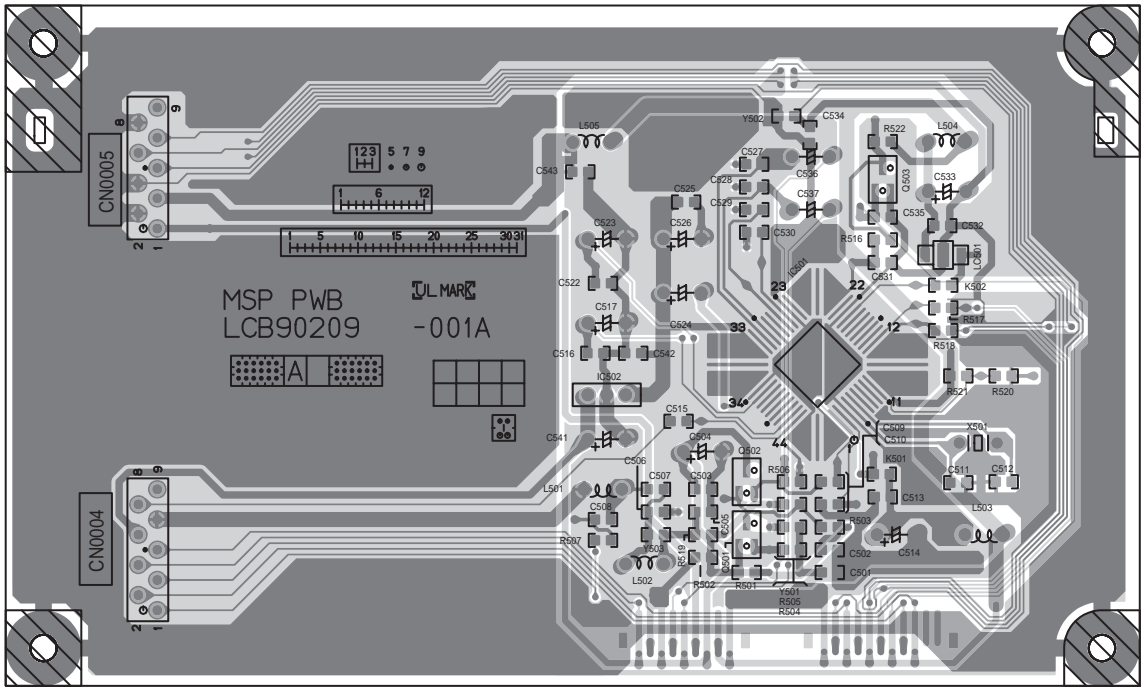


RECEIVER PWB PATTERN [PARTS SIDE]



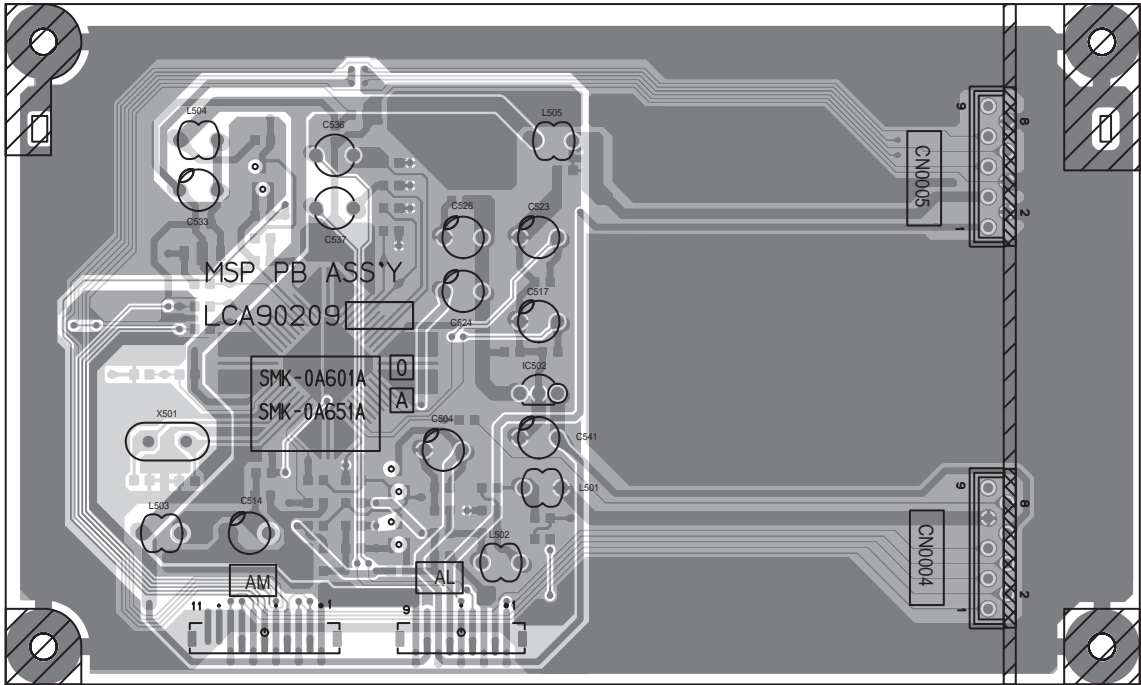
TOP
→

MSP PWB PATTERN [SOLDER SIDE]



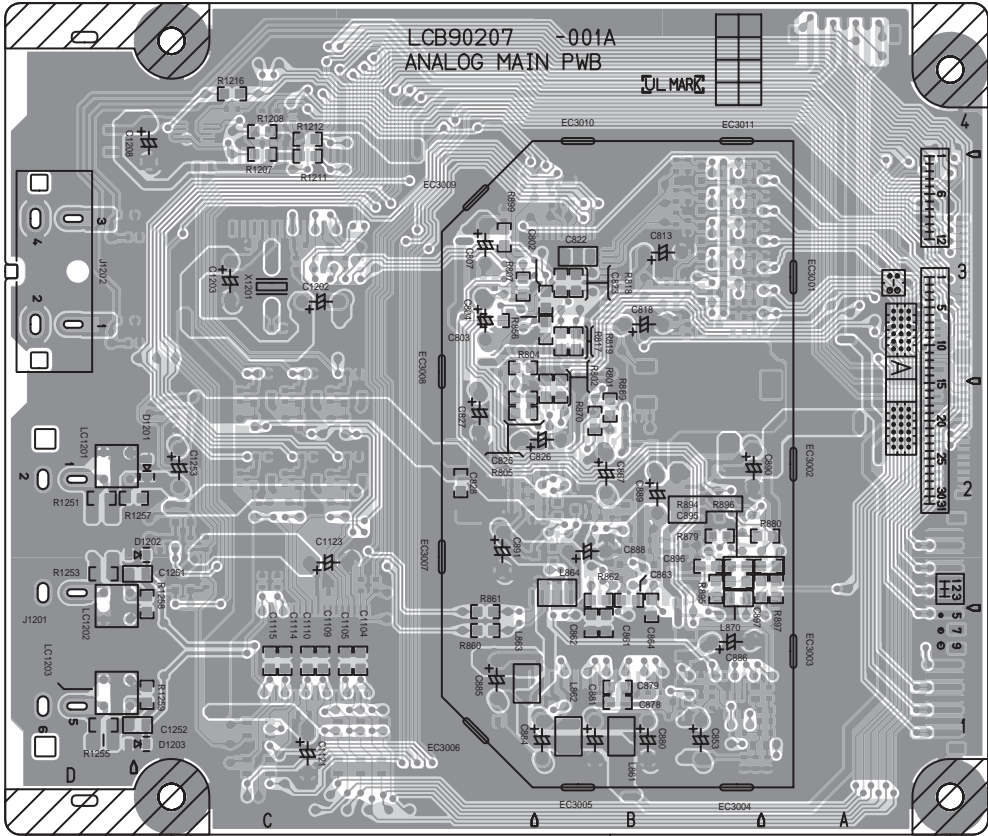
TOP

MSP PWB PATTERN [PARTS SIDE]



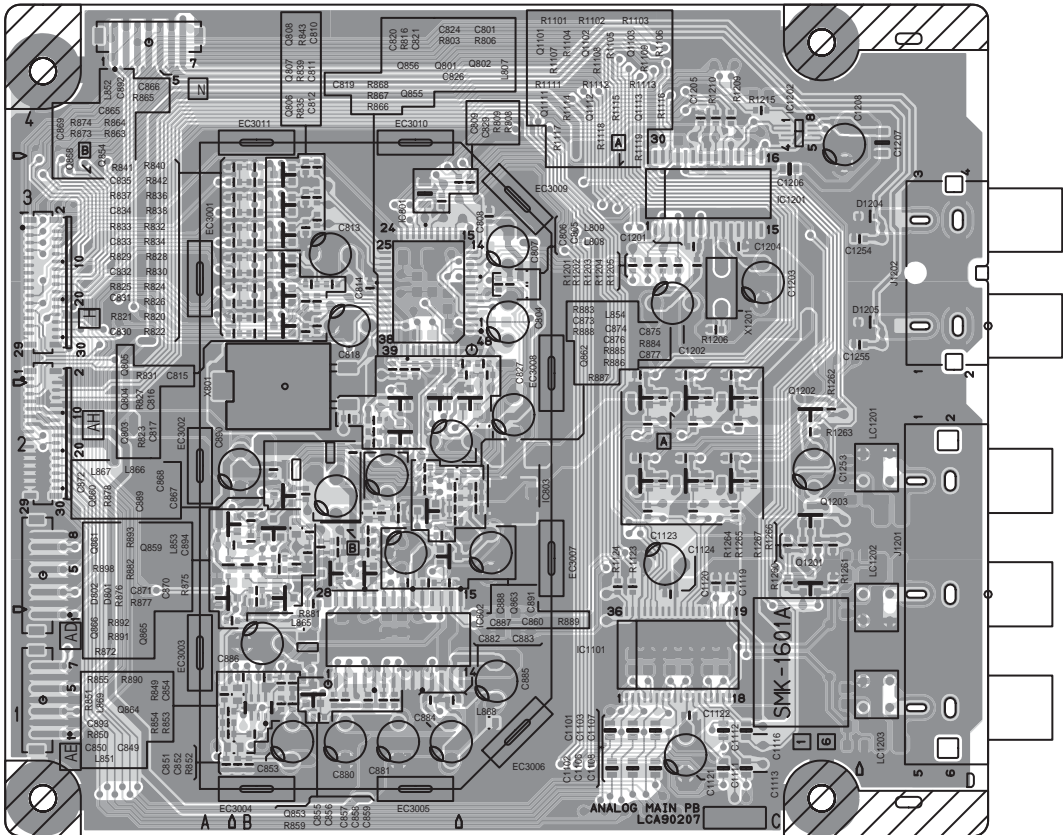
TOP

VIDEO PWB PATTERN [SOLDER SIDE]

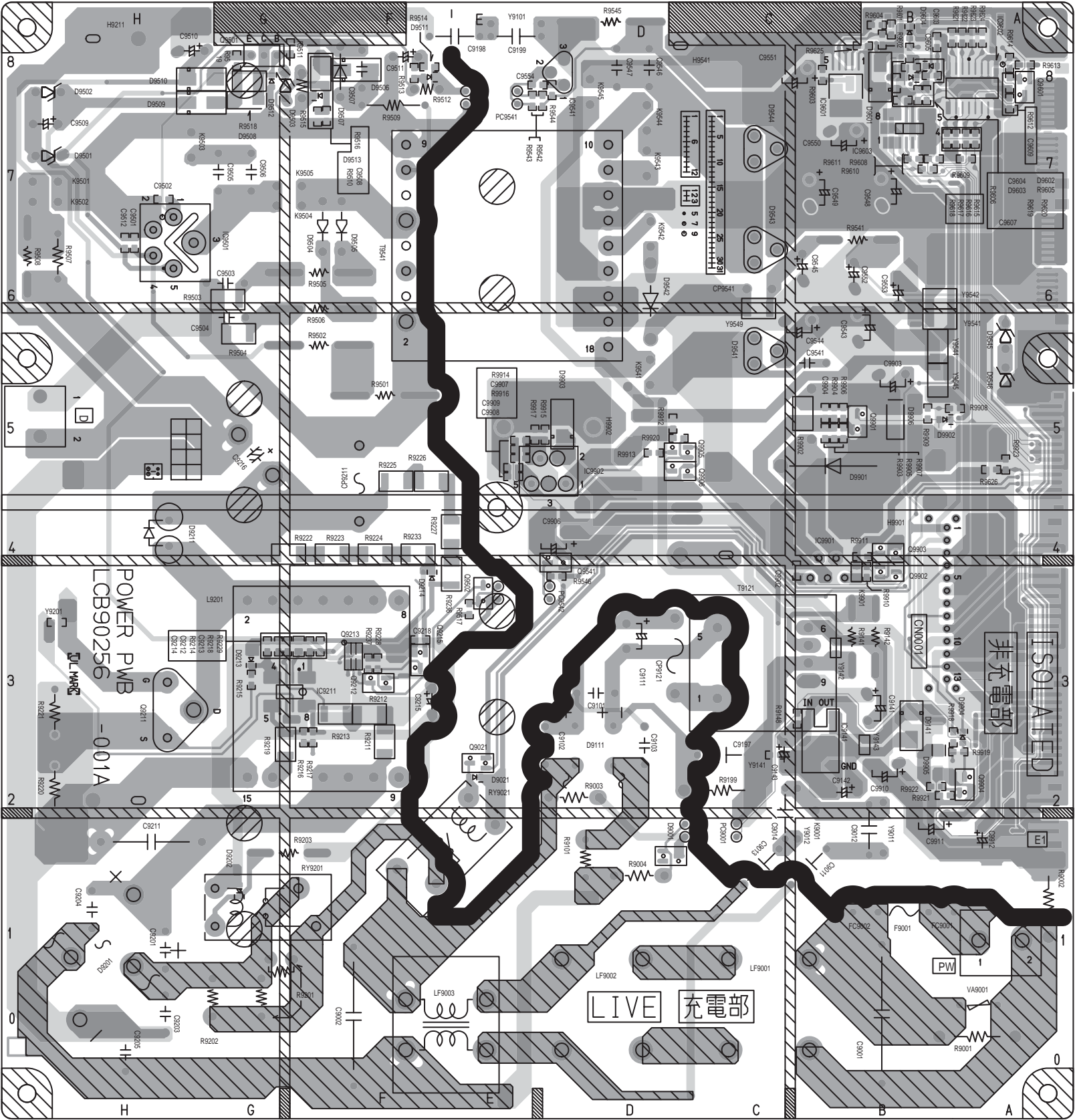


TOP

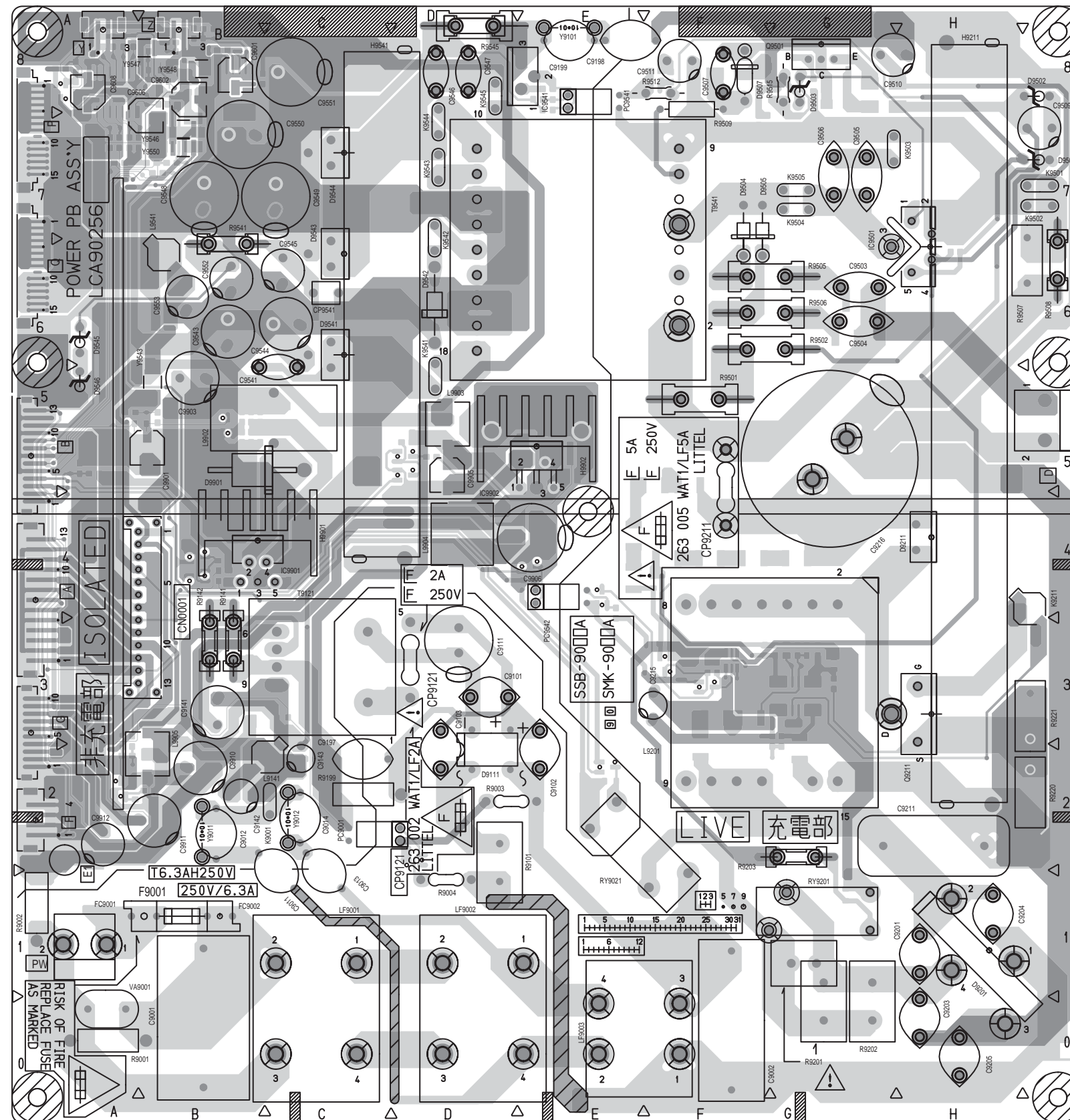
VIDEO PWB PATTERN [SOLDER SIDE]

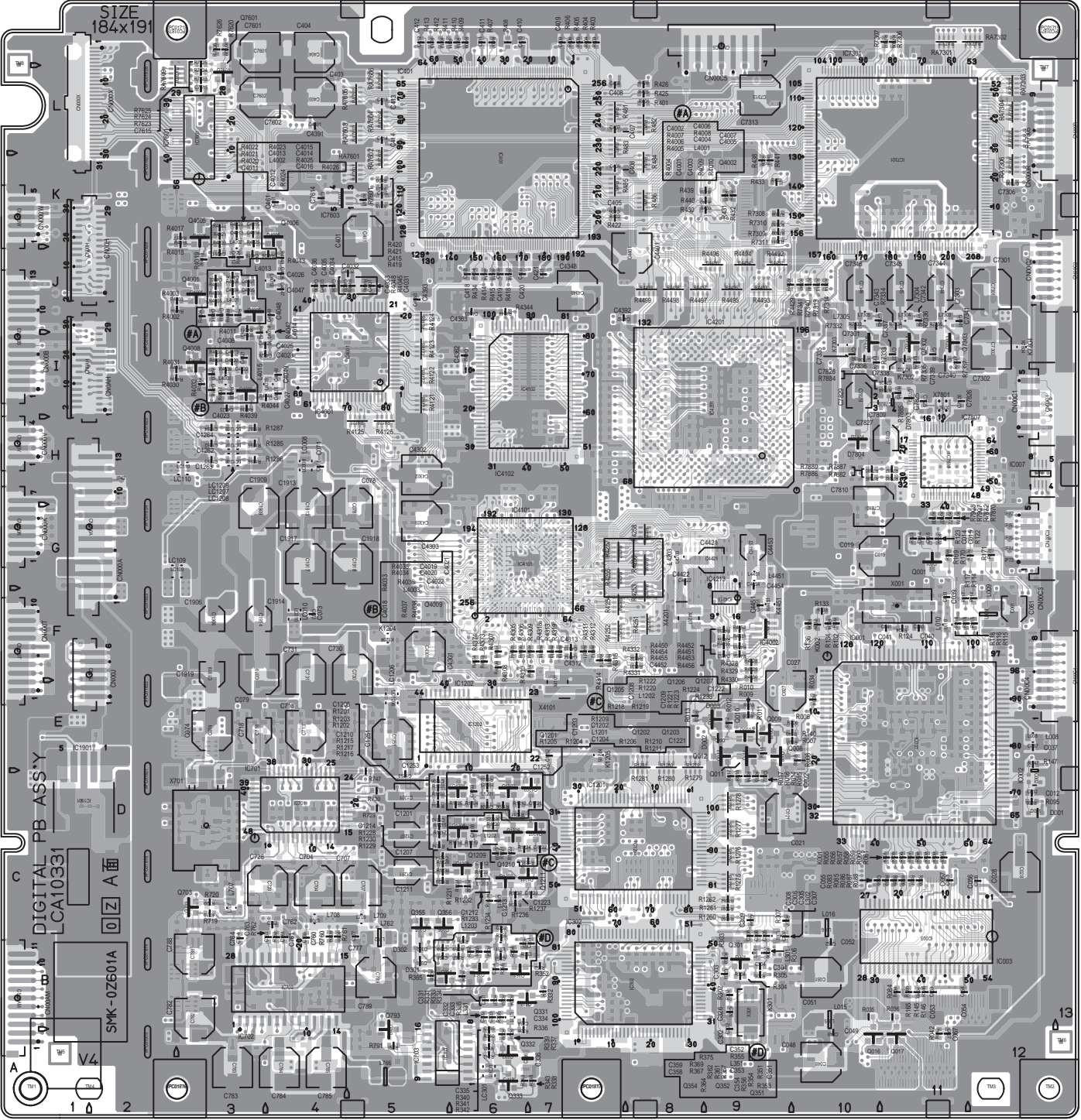
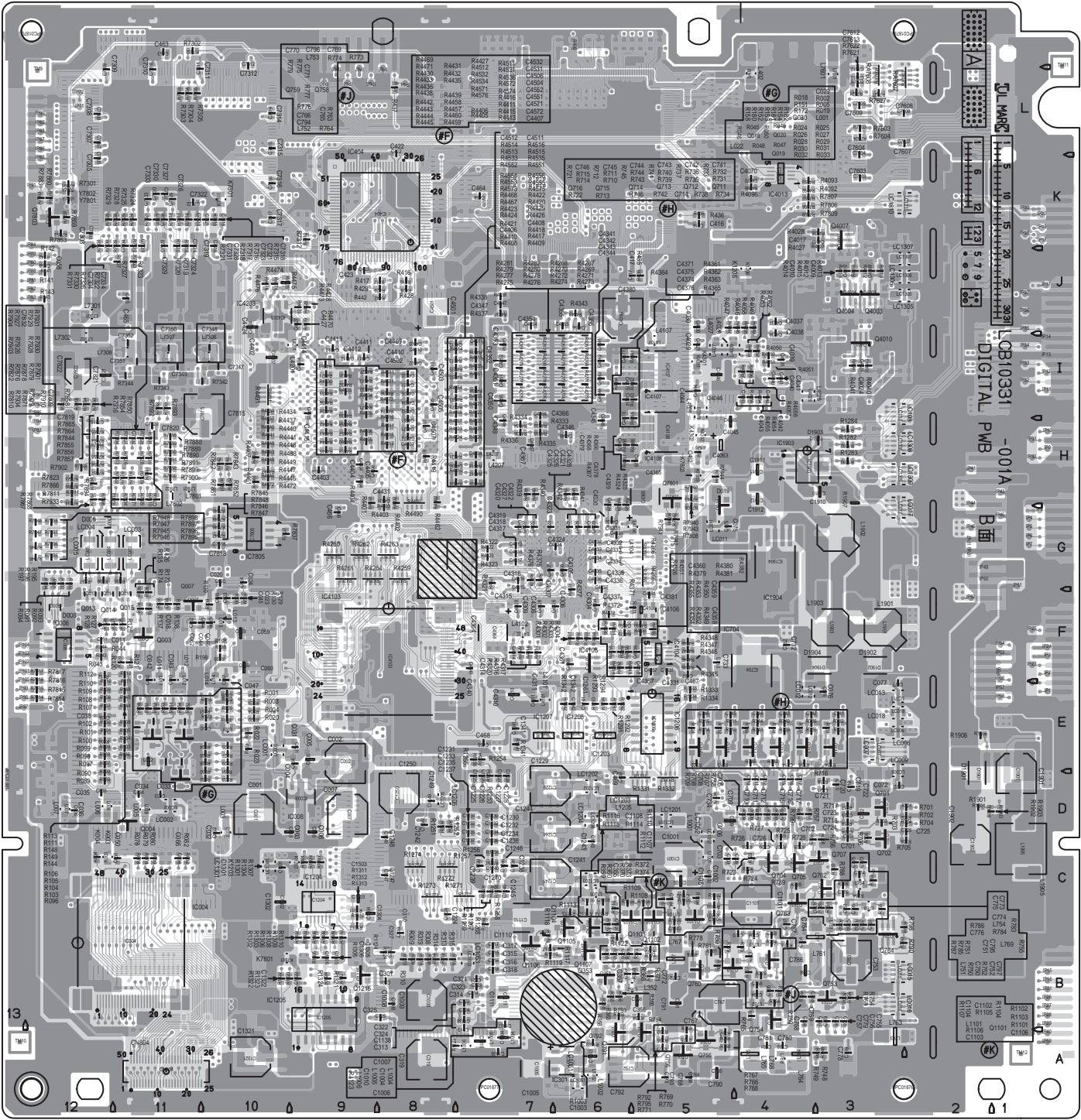


TOP

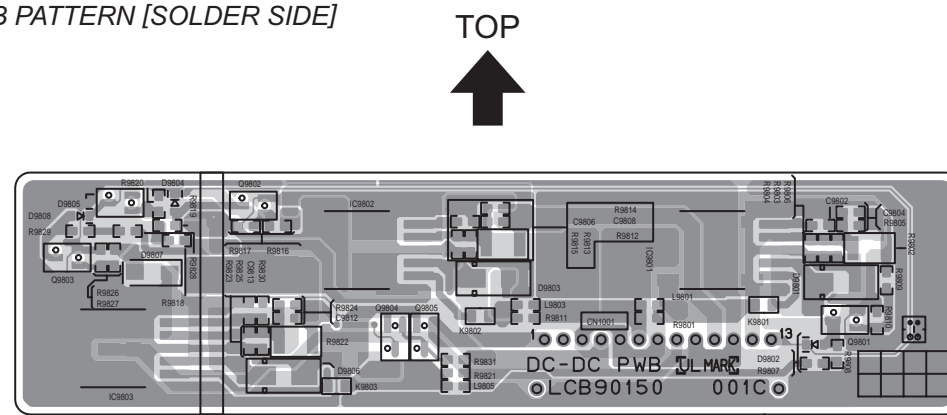


TOP

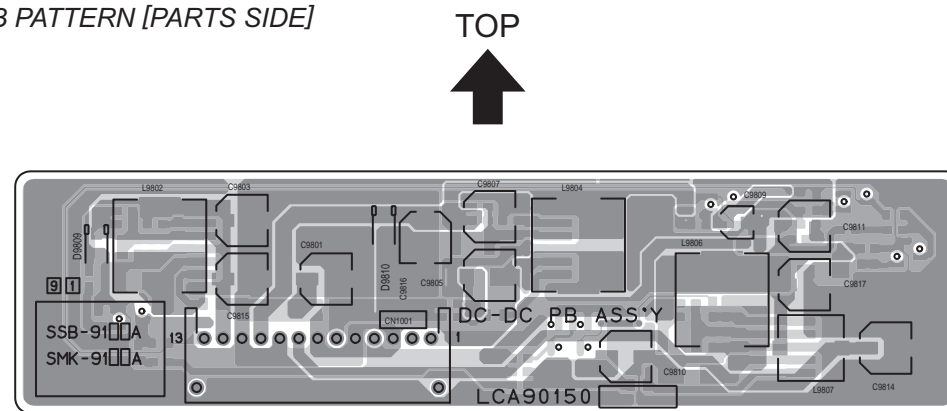




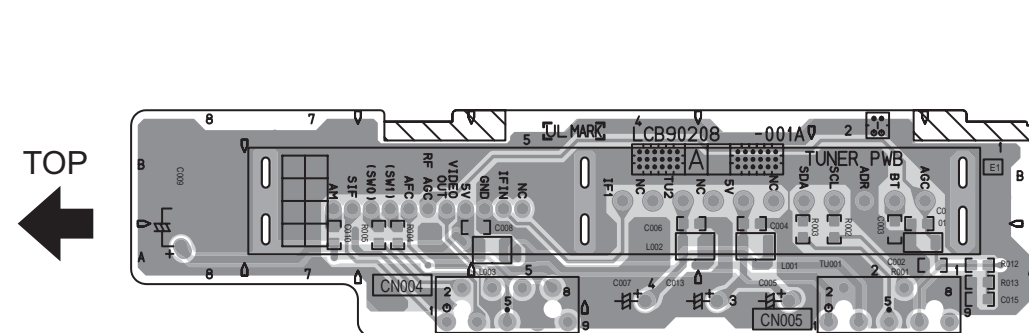
REGULATOR PWB PATTERN [SOLDER SIDE]



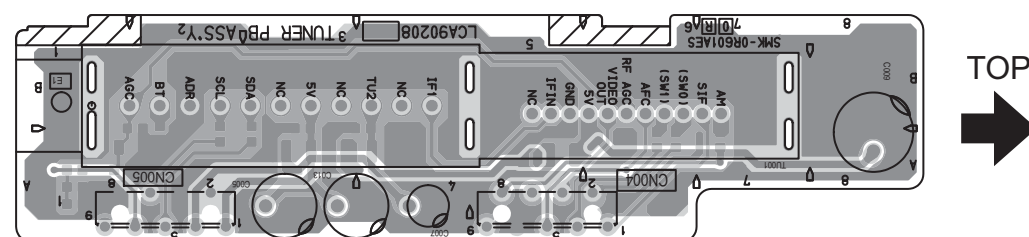
REGULATOR PWB PATTERN [PARTS SIDE]



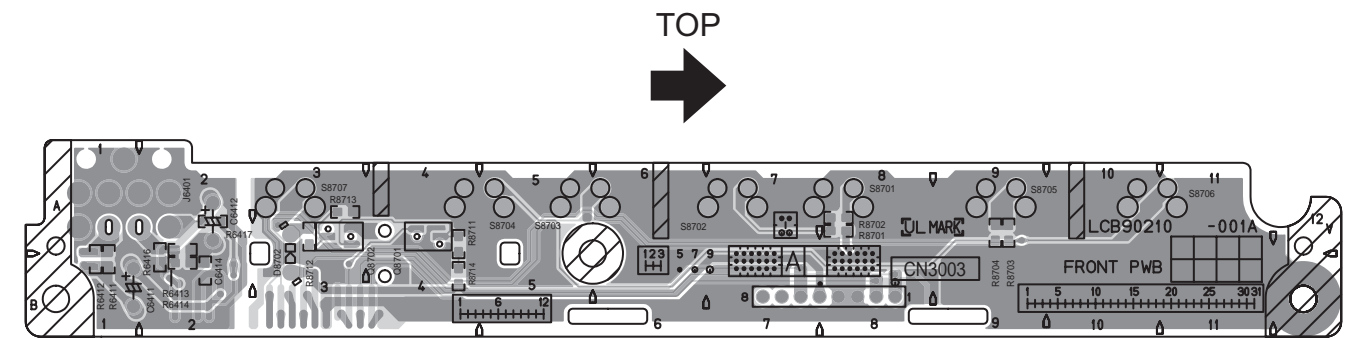
TUNER PWB PATTERN [SOLDER SIDE]



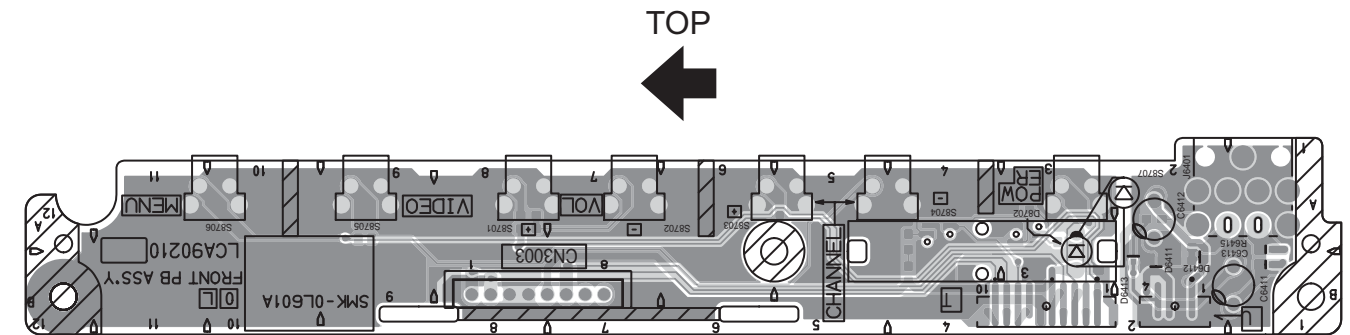
TUNER PWB PATTERN [PARTS SIDE]



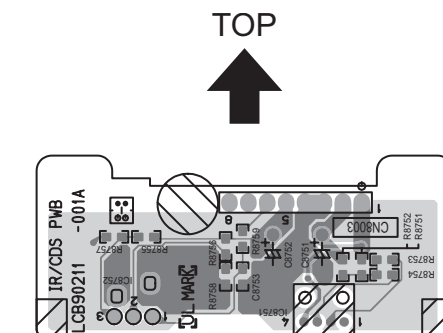
FRONT CONTROL PWB PATTERN [SOLDER SIDE]



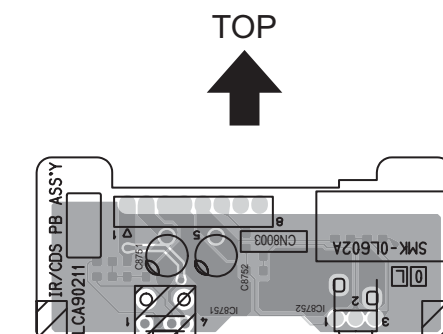
FRONT CONTROL PWB PATTERN [PARTS SIDE]



FRONT SENSOR PWB PATTERN [SOLDER SIDE]



FRONT SENSOR PWB PATTERN [PARTS SIDE]



VOLTAGE CHARTS

<MI-COM & DIST>

[P.2-17 - P.2-18]

MODE PIN NO.	DC (V)
IC001	
1	0.3
2	0.2
3	0.4
4	0.4
5	2.6
6	3.3
7	3.3
8	3.3
9	0
10	1.8
11	0
12	3.3
13	0
14	3.3
15	0
16	0
17	0
18	0
19	0
20	0
21	2.5
22	0
23	1.7
24	1.6
25	0
26	1.6
27	1.9
28	3.2
29	0
30	0
31	0
32	3.3
33	2.9
34	1.3
35	2.3
36	1.6
37	1.3
38	0
39	2.9
40	1.1
41	0
42	3.3
43	0.8
44	3.3
45	3.3
46	1.2
47	0
48	0
49	0
50	3.3
51	0.7
52	0
53	3.3
54	1.6
55	1.7
56	1.0
57	1.0
58	0.6
59	1.0
60	0
61	3.3
62	1.0
63	0.3
64	0.3
65	1.3
66	1.0
67	0.7
68	0
69	3.3
70	0.3
71	2.6
72	0.3
73	3.3
74	3.3
75	3.3
76	2.6
77	1.4
78	0
79	0
80	2.7
81	2.6
82	3.3
83	3.3
84	0
85	3.3
86	0
87	2.5
88	3.2
89	3.3
90	3.2
91	3.3
92	3.3
93	3.3
94	3.3
95	3.2
96	3.2
97	3.3

MODE PIN NO.	DC (V)
98	3.3
99	3.3
100	3.0
101	3.3
102	3.2
103	3.2
104	0
105	0.9
106	3.3
107	0
108	0.5
109	0.4
110	0
111	2.5
112	0.3
113	0.3
114	0.3
115	0
116	2.5
117	0
118	0
119	2.5
120	0
121	0.7
122	0
123	2.5
124	2.6
125	2.5
126	1.5
127	2.5
128	0
IC002	
1	3.3
2	3.2
3	0
4	0
5	0
6	0
7	0.6
8	0.1
9	3.2
10	0.9
11	1.5
12	0
13	1.6
14	3.3
15	0
16	3.3
17	0
18	0
19	0
20	3.3
21	0
22	0
23	0
24	3.3
25	0
26	3.2
27	2.4
28	2.4
29	0
30	0
31	0
32	0
33	0
34	0
35	0
36	0
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0
47	0
48	0
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	0
58	0
59	0
60	0
61	0
62	0
63	0
64	0
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	0
84	0
85	0
86	0
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	0
95	0
96	0
97	0

MODE PIN NO.	DC (V)
7	0
8	3.3
IC007	
1	3.3
2	3.2
3	3.3
4	0
5	3.2
6	3.3
7	3.3
8	3.3
9	3.3
10	3.3
IC008	
1	4.9
2	0
3	1.2
4	2.5
5	3.3
Q001	
E	0
C	3.2
B	0
Q003	
E	0
C	3.3
B	0
Q004	
E	0
C	0
B	0.2
Q007	
E	1.5
C	0
B	0.9
Q008	
E	5.0
C	0
B	4.5
Q009	
E	4.0
C	4.4
B	2.5
Q010	
E	4.1
C	5.0
B	4.6
Q011	
E	0
C	0
B	0
Q012	
E	0
C	4.3
B	0
Q013	
S	3.3
D	3.3
G	4.9

MODE PIN NO.	DC (V)
IC701	
1	2.4
2	1.9
3	1.2
4	0.3
5	2.3
6	5.0
7	2.5
8	0
9	0.4
10	0.8
11	2.5
12	5.1
13	4.9
14	5.0
15	0
16	0
17	0
18	0
19	1.3
20	2.5
21	1.7
22	1.9
23	1.9
24	0
25	2.5
26	2.5
27	2.5
28	0
29	0
30	0
31	0
32	5.0
33	2.5
34	2.5
35	2.5
36	0
37	5.0
38	4.0
39	1.7
40	3.3
41	2.0
42	0
43	1.7
44	2.0
45	5.0
46	2.0
47	0
48	1.8
IC702	
1	1.2
2	3.1
3	5.0
4	2.5
5	0
6	1.8
7	2.3
8	0
9	0
10	0
11	4.9
12	0
13	5.0
14	0
15	4.9
16	5.0
17	0
18	0
19	2.5
20	5.0
21	0
22	2.8
23	2.8
24	3.4
25	2.8
26	0
27	3.0
28	1.6
29	0
30	0
31	0
32	0
33	0
34	0
35	0
36	0
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0
47	0
48	0
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	0
58	0
59	0
60	0
61	0
62	0
63	0
64	0
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	0
84	0
85	0
86	0
87	0
88	0
89	0
90	0
91	0
92	0

MODE PIN NO.	DC (V)
3	5.1
IC1207	
1	3.2
2	0.4
3	0
4	0
5	3.2
6	0.2
7	0
8	3.3
IC1208	
1	0
2	0.3
3	3.3
4	0
5	0
6	0.2
7	0
8	3.3
Q701	
E	2.7
C	0
B	2.1
Q702	
E	2.3
C	0
B	1.8
Q703	
E	1.7
C	0
B	1.2
Q704	
E	1.9
C	4.5
B	2.5
Q705	
E	5.1
C	2.3
B	4.5
Q707	
E	2.9
C	0
B	2.3
Q711	
E	1.6
C	5.0
B	2.2
Q712	
E	1.6
C	5.0
B	2.2
Q714	
E	1.6
C	5.0
B	2.2
Q715	
E	1.6
C	5.0
B	2.2
Q716	
E	1.6
C	5.0
B	2.2
Q753	
E	2.6
C	8.7
B	3.1
Q754	
E	2.2
C	8.7
B	2.8
Q755	
E	1.4
C	8.0
B	2.0
Q756	
E	8.7
C	2.5
B	8.1
Q758	
E	2.4
C	8.7
B	3.0
Q759	
E	2.1
C	8.1
B	2.6
Q760	
E	8.7
C	2.6
B	8.0
Q762	
E	1.0
C	4.0

MODE PIN NO.	DC (V)
B	1.5
Q763	
E	3.4
C	5.0
B	4.0
Q764	
1	0
2	0
3	0.6
4	0
5	0
6	0.6
Q791	
E	1.9
C	8.6
B	2.5
Q792	
E	2.1
C	8.7
B	2.7
Q793	
E	0
C	0
B	3.0

MODE PIN NO.	DC (V)
IC301	
1	5.0
2	0
3	0
4	5.0
5	2.5
IC302	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	3.4
12	3.3
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	2.5
32	2.5
33	0
34	0
35	0
36	0
37	0
38	3.3
39	0
40	0
41	0
42	0
43	0
44	0
45	2.5
46	2.5
47	1.2
48	1.2
49	0
50	1.4
51	0
52	0
53	2.5
54	0
55	0
56	1.4
57	3.2
58	2.6
59	4.8
60	5.0
61	0
62	0
63	3.2
64	2.5
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	5.0
77	0
78	0
79	0
80	0
81	2.5
82	1.0
83	1.4
84	1.0
85	1.0
86	0
87	0
88	0.7
89	0.8
90	0.7
91	1.2

MODE PIN NO.	DC (V)
92	2.5
93	2.5
94	0
95	0
96	1.1
97	0
98	0
99	0
100	2.5
Q331	
E	1.6
C	0
B	1.0
Q332	
E	1.1
C	8.1
B	1.7
Q333	
E	8.6
C	1.3
B	8.1
Q351	
E	2.0
C	0
B	1.4
Q352	
E	1.4
C	8.1
B	2.0
Q353	
E	8.6
C	1.6
B	8.

<TUNER>
[P.2-5 - P.2-6]

MODE PIN NO.	DC (V)
TU001	
1	2.9
2	1.8
3	0
4	4.9
5	4.9
6	0
7	4.9
8	0
9	30.7
10	0
11	0
12	0
13	0
14	0
15	5.0
16	1.3
17	2.9
18	0.1
19	3.1
20	0
21	0
22	2.3

<MSP>
[P.2-7 - P.2-8]

MODE PIN NO.	DC (V)
IC501	
1	5.1
2	1.5
3	1.5
4	0
5	2.4
6	2.3
7	0.3
8	0
9	0
10	2.6
11	5.1
12	4.9
13	4.9
14	0.5
15	1.2
16	1.1
17	1.1
18	1.1
19	5.1
20	0
21	1.2
22	5.1
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	3.7
31	3.8
32	0
33	7.9
34	6.8
35	0
36	3.7
37	3.7
38	3.7
39	0
40	3.7
41	3.7
42	2.5
43	3.7
44	0
IC502	
1	9.0
2	7.9
3	0
Q502	
E	0
C	9.0
B	0
Q503	
S	0
D	0
G	5.1
CN00AM	
1	0
2	1.5
3	0.2
4	4.9
5	4.9
6	5.0
7	0
8	3.1
9	3.1
10	0
11	0

<RECEIVER>
[P.2-9 - P.2-12]

MODE PIN NO.	DC (V)
IC101	
1	3.9
2	4.4
3	3.9
4	4.4
5	4.4
6	0
7	4.9
8	3.9
9	4.4
10	3.9
11	4.4
12	4.4
13	6.7
14	0
15	4.3
16	4.4
17	3.9
18	4.4
19	4.4
20	6.7
21	0
22	3.9
23	4.4
24	3.9
25	4.4
26	4.4
27	0
28	5.0
29	4.4
30	3.9
31	4.4
32	0
33	4.8
34	4.8
35	0
36	0
37	4.4
38	4.4
39	3.7
40	4.4
41	4.4
42	9.0
43	4.4
44	3.5
45	4.4
46	3.7
47	0
48	0
49	4.8
50	4.4
51	4.4
52	4.4
53	4.4
54	4.4
55	3.7
56	4.1
57	0
58	4.2
59	4.4
60	3.9
61	4.4
62	4.4
63	4.4
64	4.4
IC401	
1	3.3
2	3.3
3	0.3
4	0.3
5	0.3
6	0.4
7	2.8
8	0
9	2.5
10	2.5
11	0
12	0
13	5.2
14	4.9
15	4.8
16	5.2
IC6101	
1	11.7
2	13.9
3	0
IC6401	
1	0
2	1.9
3	1.9
4	1.9
5	1.9
6	3.8
7	1.6
8	0
9	4.5
10	1.6
11	1.9

MODE PIN NO.	DC (V)
12	1.9
13	1.9
14	1.9
15	1.9
16	1.9
IC6501	
1	5.8
2	5.9
3	5.9
4	5.8
5	5.8
6	5.9
7	5.9
8	5.9
9	0.9
10	5.8
11	4.5
12	4.4
13	5.0
14	4.8
15	0
16	11.7
17	4.5
18	0
19	5.7
20	5.9
21	5.8
22	5.8
23	5.9
24	5.9
25	5.9
26	5.8
27	5.8
28	5.9
29	5.9
30	5.8
IC6531	
1	6.3
2	6.2
3	6.3
4	0
5	6.3
6	6.3
7	6.3
8	11.7
IC6551	
1	6.2
2	6.2
3	6.4
4	0
5	6.4
6	6.3
7	6.3
8	11.7
IC6641	
1	5.0
2	16.4
3	6.9
4	5.0
5	0
6	1.0
7	4.3
8	0
9	5.0
10	2.4
11	2.4
12	0
13	0.7
14	2.4
15	2.4
16	2.3
17	0
18	0
19	0
20	0
21	0.6
22	0
23	0.5
24	6.9
25	13.8
26	13.8
27	6.8
28	6.8
29	13.8
30	13.8
31	6.9
32	1.2
33	13.8
34	1.9
35	0
36	22.3
IC6701	
1	0
2	5.0
3	4.9
4	0
5	0
6	5.0

MODE PIN NO.	DC (V)
7	5.0
8	0
9	5.0
10	4.9
11	5.0
12	0
13	5.0
14	0
15	0
16	5.0
Q101	
E	3.5
C	9.0
B	4.1
Q102	
E	2.9
C	9.0
B	3.5
Q103	
E	0
C	-0.2
B	0
Q104	
S	-0.2
D	0
G	0
Q105	
C	-0.2
B	0
Q106	
E	3.7
C	9.0
B	4.4
Q131	
E	2.1
C	0
B	1.4
Q136	
S	0
D	0
G	0
Q137	
S	-0.1
D	0
G	0
Q138	
E	0
C	0
B	0
Q211	
C	13.7
B	0
Q212	
E	0
C	6.7
B	0
Q221	
E	0
C	6.7
B	0
Q231	
E	0.7
C	4.7
B	0
Q232	
E	4.9
C	4.3
B	0
Q233	
S	0
D	0
G	2.1
Q234	
S	2.2
D	0
G	0
Q311	
S	0.4
D	0
G	0
Q312	
S	0.4
D	0
G	0
Q313	
S	0
D	0
G	0
Q314	
E	8.9
C	-0.1
B	8.9

MODE PIN NO.	DC (V)
Q411	
E	3.8
C	9.0
B	4.4
Q412	
E	3.8
C	9.0
B	4.4
Q6401	
E	0
C	0
B	0
Q6402	
E	1.8
C	0
B	0
Q6501	
E	0
C	0
B	-0.1
Q6502	
E	0
C	0
B	-0.4
Q6503	
E	0
C	-0.2
B	0
Q6504	
E	0
C	0
B	0.6
Q6505	
E	0
C	0
B	0.6
Q6506	
E	0.8
C	0.6
B	0.1
Q6551	
E	0
C	0
B	0.5
Q6552	
E	0
C	0
B	0.5
Q6581	
E	0
C	13.7
B	0
Q6582	
E	13.3
C	-0.2
B	13.7
Q6591	
E	0
C	0
B	0.2
Q6592	
E	0
C	0
B	0.2
Q6593	
E	0.4
C	0.4
B	0
Q6601	
E	0
C	0
B	0.6
Q6701	
E	0
C	5.0
B	0.3
Q6702	
E	5.0
C	5.0
B	4.4
Q6703	
E	0
C	0
B	0.6
Q6704	
E	0
C	5.0
B	0
Q6705	
E	5.0
C	4.5
B	5.0
CN000K	
1	0
2	4.9
3	4.3
4	4.9
5	4.9

MODE PIN NO.	DC (V)
6	0
7	0
CN000J	
1	3.5
2	0
3	4.2
4	0
5	0
6	0

<VIDEO>
[P.2-13 - P.2-14]

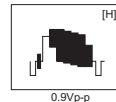
MODE PIN NO.	DC (V)
IC801	
1	2.0
2	1.6
3	0.5
4	0.2
5	2.0
6	5.1
7	2.6
8	0
9	0.3
10	0.8
11	2.1
12	5.1
13	4.8
14	4.9
15	0
16	0
17	0
18	0
19	1.3
20	2.5
21	1.6
22	1.9
23	1.9
24	0
25	2.5
26	2.6
27	2.6
28	0
29	0
30	0
31	0
32	5.1
33	2.5
34	2.5
35	2.6
36	0
37	5.1
38	4.1
39	1.8
40	3.3
41	2.0
42	4.6
43	1.8
44	2.0
45	5.0
46	2.1
47	3.8
48	1.7
IC802	
1	1.2
2	3.0
3	4.8
4	2.4
5	0
6	1.8
7	1.8
8	0
9	0
10	0
11	4.8
12	0
13	4.8
14	0
15	4.9
16	0
17	0
18	0
19	2.4
20	0
21	0
22	2.8
23	2.7
24	3.2
25	2.3
26	0
27	2.9
28	1.5
IC803	
1	8.6
2	0
3	5.1
IC1101	
1	4.4
2	4.4

MODE PIN NO.	DC (V)
3	4.4
4	4.7
5	4.7
6	4.4
7	4.4
8	4.5
9	4.7
10	4.7
11	8.6
12	4.5
13	4.5
14	4.5
15	4.7
16	4.7
17	4.5
18	4.4
19	4.5
20	4.7
21	4.7
22	0
23	4.7
24	4.7
25	4.2
26	4.2
27	4.2
28	8.6
29	4.7
30	4.7
31	4.3
32	4.4
33	4.4
34	0
35	4.8
36	4.9
IC1201	
1	0.3
2	0.2
3	0.4
4	0.3
5	0
6	0
7	6.0
8	0
9	4.7
10	0
11	8.6
12	1.2
13	0
14	0
15	0
16	0.3
17	0
18	0
19	0.3
20	0
21	4.9
22	4.9
23	0
24	2.0
25	4.9
26	2.4
27	0
28	0.2
29	0.2
30	0.1
IC1202	
1	0
2	0
3	0.2
4	0
5	0.2
6	0.3
7	0
8	0
Q801	
E	2.7
C	0
B	2.2
Q802	
E	2.0
C	0
B	1.5
Q803	
E	1.6
C	5.0
B	2.2
Q804	
E	1.7
C	5.1
B	2.2
Q805	
E	1.6
C	5.1
B	2.2
Q806	
E	1.6
C	5.1
B	2.2

WAVEFORMS

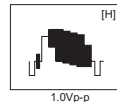
-TUNER PWB-
[P.2-5 - P.2-6]

TU001-16

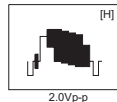


-RECEIVER PWB-
[P.2-9 - P.2-10]

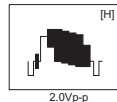
IC101-15



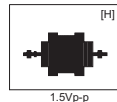
IC101-41



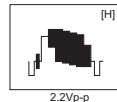
IC101-44



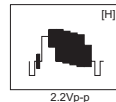
IC101-47



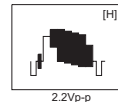
IC101-49



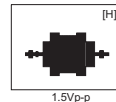
IC101-53



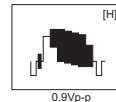
IC101-56



IC101-58

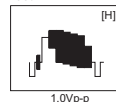


IC101-63

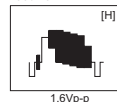


-VIDEO PWB-
[P.2-13 - P.2-14]

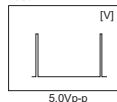
IC801-1



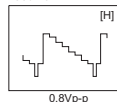
IC801-3



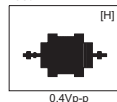
IC801-4



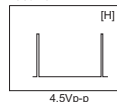
IC801-5



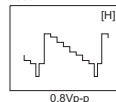
IC801-7



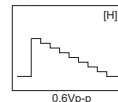
IC801-9



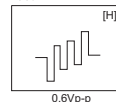
IC801-11



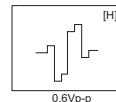
IC801-21



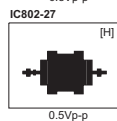
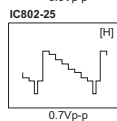
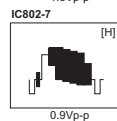
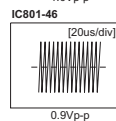
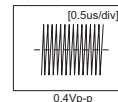
IC801-22



IC801-23

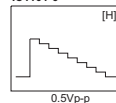


IC801-38

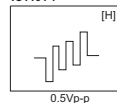


[P.2-15 - P.2-16]

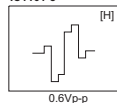
IC1101-6



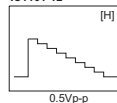
IC1101-7



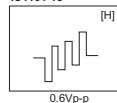
IC1101-8



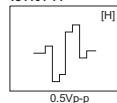
IC1101-12



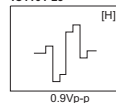
IC1101-13



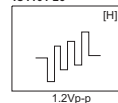
IC1101-14



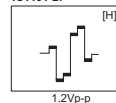
IC1101-25



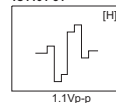
IC1101-26



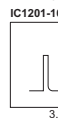
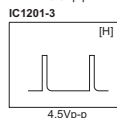
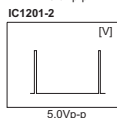
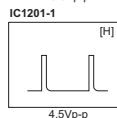
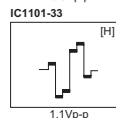
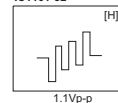
IC1101-27



IC1101-31

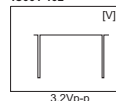


IC1101-32

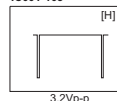


-DIST PWB-
[P.2-17 - P.2-18]

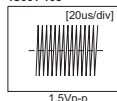
IC001-102



IC001-103

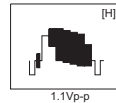


IC001-108

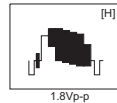


[P.2-19 - P.2-20]

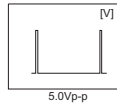
IC701-1



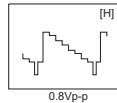
IC701-3



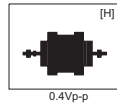
IC701-4



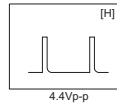
IC701-5



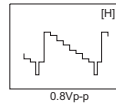
IC701-7



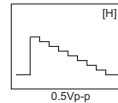
IC701-9



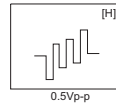
IC701-11



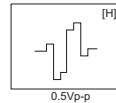
IC701-21



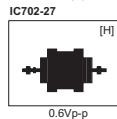
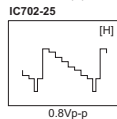
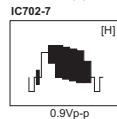
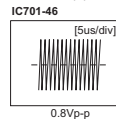
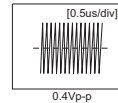
IC701-22



IC701-23

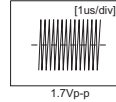


IC701-38



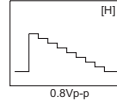
[P.2-21 - P.2-22]

IC302-47

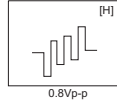


[P.2-23 - P.2-24]

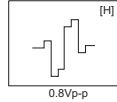
IC1201-34



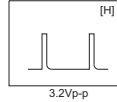
IC1201-40



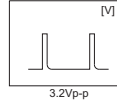
IC1201-42



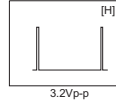
IC1201-49



IC1201-55

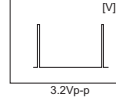


IC1201-78

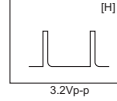


[P.2-25 - P.2-26]

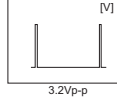
IC1201-79



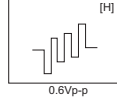
IC4001-30



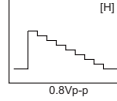
IC4001-31



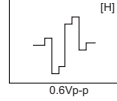
IC4001-43



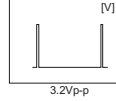
IC4001-48



IC4001-54



IC4001-66

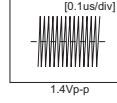


[P.2-31 - P.2-32]

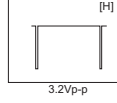
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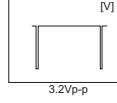
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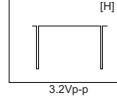
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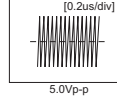
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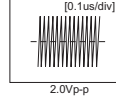
IC401-154



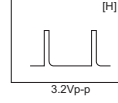
IC401-155



IC401-201



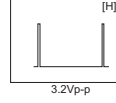
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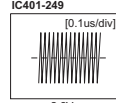
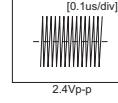
IC401-204



IC401-247

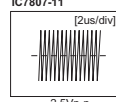


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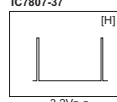


[P.2-33 - P.2-34]

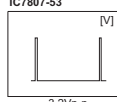
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IC7807-37

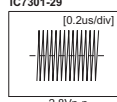


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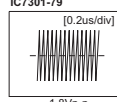


[P.2-35 - P.2-36]

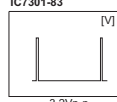
IC7301-29



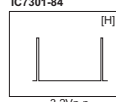
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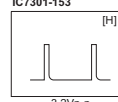
IC7301-83



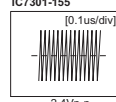
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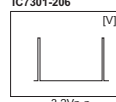
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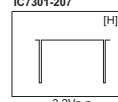
IC7301-155



IC7301-206



IC7301-207



PARTS LIST

CAUTION

- The parts identified by the Δ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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USING P.W. BOARD & REMOTE CONTROL UNIT

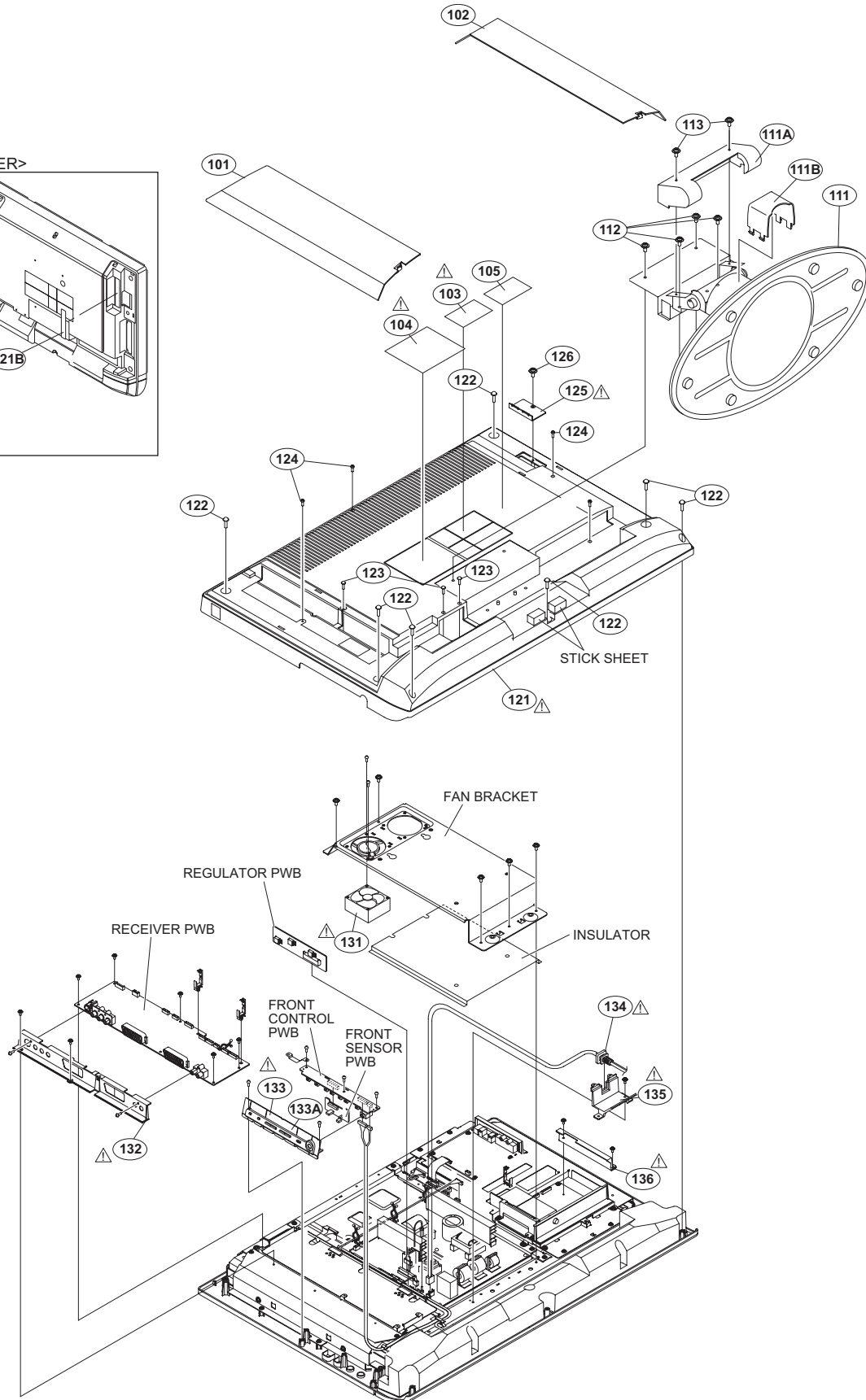
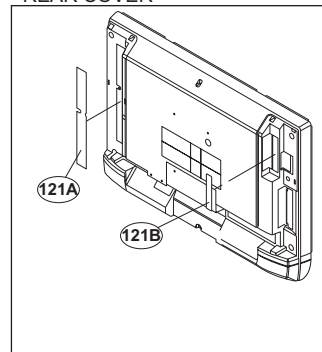
P.W.B ASS'Y	LT-26C31BJE	LT-26C31BUE	LT-26C31SJE	LT-26C31SUE
VIDEO P.W.B	SMK-1601A-U2	←	←	←
REGULATOR P.W.B	SMK-9611A-U2	←	←	←
POWER P.W.B	SMK-9601A-U2	←	←	←
MSP P.W.B	SMK0A601A-U2	←	←	←
RECEIVER P.W.B	SMK0J601A-U2	←	←	←
FRONT SENSOR P.W.B	SMK0L602A-U2	←	←	←
FRONT CONTROL P.W.B	SMK0L601A-U2	←	←	←
TUNER P.W.B	SMK0R601A-U2	←	←	←
MI-COM & DIST P.W.B	SMK0Z601A-U2	←	←	←
REMOTE CONTROL UNIT	RM-C1808C-1C	←	←	←

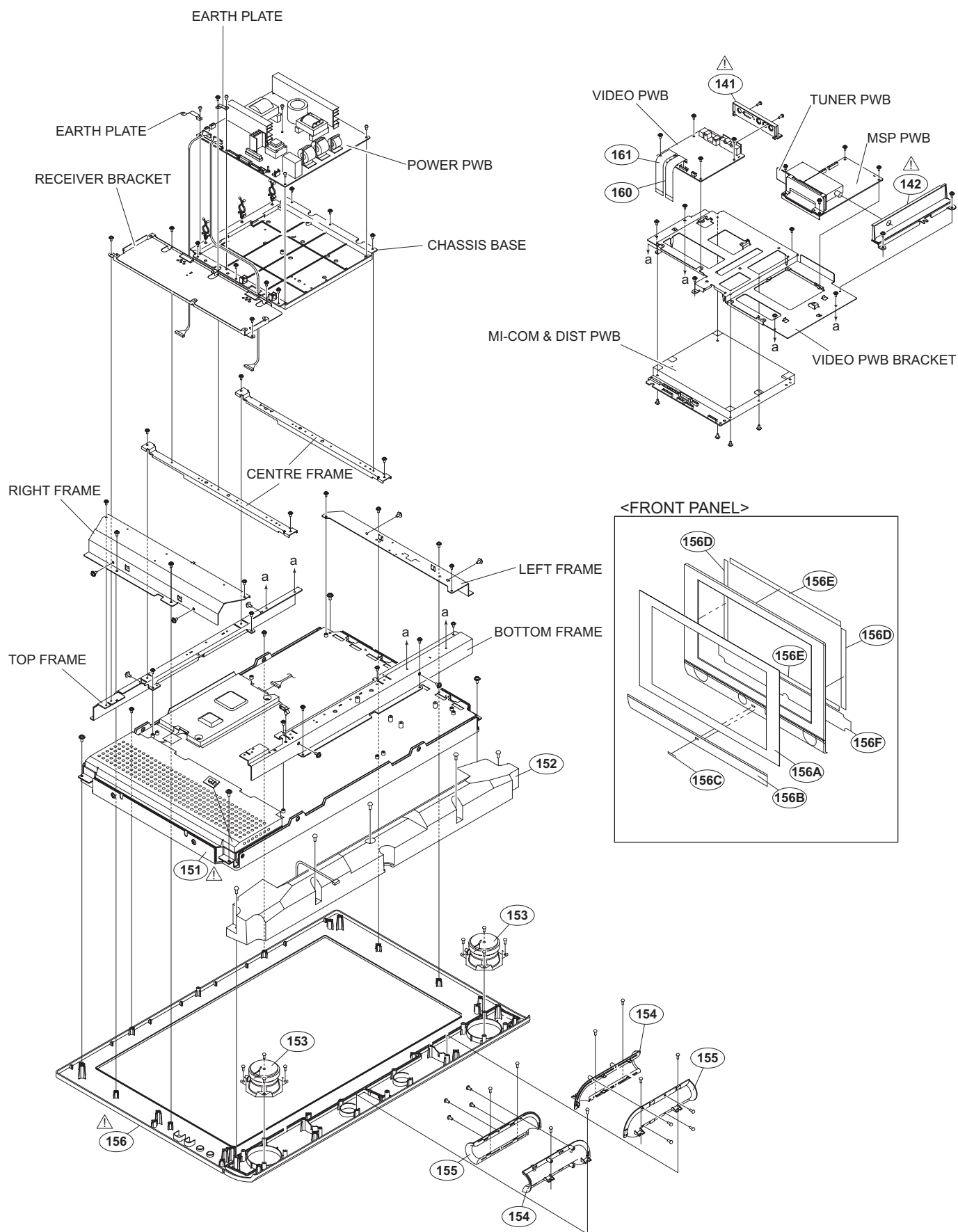
EXPLODED VIEW PARTS LIST

△	Ref.No.	Part No.	Part Name	Description	Local
	101	LC11627-001B-0K	JACK COVER R		
	102	LC11628-001B-0K	JACK COVER L		
△	103	LC21300-004A	RATING LABEL		LT-26C31BJE
△	103	LC21300-003A	RATING LABEL		LT-26C31BUE
△	103	LC21300-006A	RATING LABEL		LT-26C31SJE
△	103	LC21300-005A	RATING LABEL		LT-26C31SUE
△	104	LC21301-004A	RATING LABEL		LT-26C31BJE
△	104	LC21301-003A	RATING LABEL		LT-26C31BUE
△	104	LC21301-006A	RATING LABEL		LT-26C31SJE
△	104	LC21301-005A	RATING LABEL		LT-26C31SUE
	105	LC30789-002B-U	WARNING LABEL		LT-26C31BUE,LT-26C31SUE
	111	LC41609-001A-0K	STAND ASSY	Inc. 111A-111B	
	111A	N0354	STAND COVER		
	111B	N0355	CORD HOLDER		
	112	QYSPSPD5012M	SCREW	M5 x 12mm(x4)	
	113	QYSPSPD3008N	SCREW	3mm x 8mm(x2)	
△	121	LC11656-003B-0K	REAR COVER ASSY	Inc. 121A-121B	
	121A	LC32367-003A	OPERATION SHEET		
	121B	LC32368-003A	OPERATION SHEET		
	122	QYSBSFG4016M	TAP SCREW	4.0mm x 16mm(x7)	
	123	QYSSSB3010M	TAP SCREW	M3 x 10mm(x3)	
	124	QYSPSPD3008M	SCREW	3mm x 8mm(x4)	
△	125	LC32366-001A-0K	SERVICE COVER		
	126	QYSBSF3012M	TAP SCREW	3.0mm x 12mm	
△	131	QAR0295-001	FAN MOTOR		
△	132	LC21334-002B-0K	TERMINAL BASE		
△	133	LC32351-003B-0K	CONTROL KNOB ASSY	Inc. 133A	
	133A	LC21342-003B	KNOB BASE		
△	134	QMPN250-170-JC	POWER CORD	1.7m BLACK	LT-26C31BJE,LT-26C31SJE
△	134	QMPK300-170-JC	POWER CORD	1.7m BLACK	LT-26C31BUE,LT-26C31SUE
△	135	LC21348-001D-0K	PW CODE HOLDER		
△	136	LC21349-002A-0K	CARD BASE		
△	141	LC32346-003B-0K	JACK BASE		
△	142	LC32348-003A-0K	TUNER PWB BASE		
△	151	QLD0282-001	LCD PANEL	Inc. P.W.BOARDS	
	152	LC11633-001B-0K	SP BOX		
	153	QAS0142-001	SPEAKER	(SP01)/(SP02)(x2)	
	154	LC21340-001B-0K	DUCT COVER	(x2)	
	155	LC21339-001A-0K	DUCT BASE	(x2)	
△	156	LC11623-003A-0K	F PANEL ASSY	Inc. 156A-156F	LT-26C31BJE,LT-26C31BUE
△	156	LC11623-005A-0K	F PANEL ASSY	Inc. 156A-156F	LT-26C31SJE,LT-26C31SUE
	156A	LC11625-003A	FRONT PANEL		LT-26C31BJE,LT-26C31BUE
	156B	LC11625-005B	FRONT PANEL		LT-26C31SJE,LT-26C31SUE
	156C	LC21325-001D	PUNCHING SHEET		
	156D	LC41747-001A	JVC MARK		
	156E	LC41659-001A	W FACE TAPE	(x2)	
	156F	LC41659-002A	W FACE TAPE	(x2)	
	156F	LC41665-001A	TUBE		
	160	QUQ105-3008AH	FFC WIRE		
	161	QUQ105-3008AH	FFC WIRE		

EXPLODED VIEW

<REAR COVER>





PRINTED WIRING BOARD PARTS LIST

VIDEO P.W. BOARD ASS'Y (SMK-1601A-U2)

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
IC801	TB1274AF	IC			C853	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
IC802	TC90A69AF-X	IC			C854	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
IC803	BA05FP-X	IC			C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
IC1101	AN15851A-W	IC			C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
IC1201	TA1370FG-X	IC			C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
IC1202	SN74AHC2G08T-X	IC			C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
					C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
Q801	2SA1037AK/QR/-X	TRANSISTOR			C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q802	2SA1037AK/QR/-X	TRANSISTOR			C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
Q803	2SC2412K/QR/-X	TRANSISTOR			C862	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q804	2SC2412K/QR/-X	TRANSISTOR			C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q805	2SC2412K/QR/-X	TRANSISTOR			C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q806	2SC2412K/QR/-X	TRANSISTOR			C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
Q807	2SC2412K/QR/-X	TRANSISTOR			C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
Q808	2SC2412K/QR/-X	TRANSISTOR			C867	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
Q853	2SC2412K/QR/-X	TRANSISTOR			C868	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q854	2SC2412K/QR/-X	TRANSISTOR			C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
Q855	2SC2412K/QR/-X	TRANSISTOR			C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
Q856	2SA1037AK/QR/-X	TRANSISTOR			C871	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q858	2SC2412K/QR/-X	TRANSISTOR			C872	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q859	2SC2412K/QR/-X	TRANSISTOR			C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
Q860	2SA1037AK/QR/-X	TRANSISTOR			C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
Q862	2SC2412K/QR/-X	TRANSISTOR			C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
Q863	2SC2412K/QR/-X	TRANSISTOR			C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q864	IMX1-XW	PAIR TRANSISTOR			C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q1101	2SC2412K/QR/-X	TRANSISTOR			C878	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q1102	2SC2412K/QR/-X	TRANSISTOR			C879	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q1103	2SC2412K/QR/-X	TRANSISTOR			C880	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
Q1111	2SC2412K/QR/-X	TRANSISTOR			C881	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
Q1112	2SC2412K/QR/-X	TRANSISTOR			C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q1113	2SC2412K/QR/-X	TRANSISTOR			C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q1201	2SC2412K/QR/-X	TRANSISTOR			C884	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
Q1202	2SC2412K/QR/-X	TRANSISTOR			C885	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
Q1203	2SC2412K/QR/-X	TRANSISTOR			C886	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
					C887	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
D1201	MA8100/M/-X	Z DIODE			C888	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
D1202	MA8100/M/-X	Z DIODE			C889	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
D1203	MA8100/M/-X	Z DIODE			C890	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
D1204	MA8100/M/-X	Z DIODE			C891	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
D1205	MA8100/M/-X	Z DIODE			C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
					C893	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C801	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C802	NCF31CZ-224X	C CAPACITOR	0.22uF 16V Z		C1101	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C803	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1102	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C804	QETN1CM-476Z	E CAPACITOR	47uF 16V M		C1103	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1105	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C807	QETN1CM-476Z	E CAPACITOR	47uF 16V M		C1106	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1107	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z		C1108	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C810	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1110	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1111	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C813	QETN1CM-476Z	E CAPACITOR	47uF 16V M		C1112	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1113	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C815	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1115	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1116	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C818	QETN1CM-106Z	E CAPACITOR	10uF 16V M		C1119	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C819	NDC31HJ-100X	C CAPACITOR	10pF 50V J		C1120	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K		C1121	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1122	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C822	NCB11CK-225X	C CAPACITOR	2.2uF 16V K		C1123	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C823	NCB31HK-223X	C CAPACITOR	0.022uF 50V K		C1124	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C826	QETN1HM-226Z	E CAPACITOR	22uF 50V M		C1202	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C827	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M		C1203	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C828	NCF31CZ-334X	C CAPACITOR	0.33uF 16V Z		C1204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C829	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1205	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C830	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1206	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C831	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1207	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1208	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C833	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1251	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C834	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1252	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C835	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1253	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C849	NDC31HJ-100X	C CAPACITOR	10pF 50V J		C1254	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J		C1255	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J		R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J		R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	

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△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C9810	NBZ0017-106X	SP E CAPACITOR	10uF 25V M		D9510	D1FS4-X	SB DIODE		
C9811	NBZ0010-396X	SP E CAPACITOR	39uF 16V M		D9511	MA111-X	SI DIODE		
C9813	NCB31HK-473X	C CAPACITOR	0.047uF 50V K		D9513	MA111-X	SI DIODE		
C9814	NEH90JM-107X	E CAPACITOR	100uF 6.3V M		D9541	FME-220A	SB DIODE		
C9815	NEH91CM-476X	E CAPACITOR	47uF 16V M		D9542	EU2-T3	SI DIODE		
C9816	NEH90JM-107X	E CAPACITOR	100uF 6.3V M		D9543	FME-220A	SB DIODE		
C9817	NEH90JM-107X	E CAPACITOR	100uF 6.3V M		D9544	FME-220A	SB DIODE		
					D9545	RD16E/B/-T5	Z DIODE		
R9801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		D9546	RD16E/B/-T5	Z DIODE		
R9802	NRS12BJ-6R8W	MG RESISTOR	6.8Ω 1/2W J		D9901	RK44-LFT4	S B DIODE		
R9803	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D		D9902	MA111-X	SI DIODE		
R9804	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D		D9903	EC30HA03L-X	SB DIODE		
R9807	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		D9904	MA111-X	SI DIODE		
R9808	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		D9905	PTZ16B-X	Z DIODE		
R9809	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		△C9001	QFZ9075-225	MPP CAPACITOR	2.2uF AC275V M	
R9810	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		△C9002	QFZ9075-105	MPP CAPACITOR	1uF AC275V M	
R9811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		△C9011	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
R9812	NRS12BJ-220W	MG RESISTOR	22Ω 1/2W J		△C9013	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
R9813	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		△C9101	QCZ9078-472	C CAPACITOR	4700pF AC250V M	
R9815	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		△C9102	QCZ9078-472	C CAPACITOR	4700pF AC250V M	
R9816	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		△C9103	QCZ9078-472	C CAPACITOR	4700pF AC250V M	
R9817	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		C9111	QEHQ2GM-226	E CAPACITOR	22uF 400V M	
R9818	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		C9141	QTMN1CM-477Z	E CAPACITOR	470uF 16V M	
R9819	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		C9142	QEHR1AM-337Z	E CAPACITOR	330uF 10V M	
R9820	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		C9143	QEHR1CM-107Z	E CAPACITOR	100uF 16V M	
R9821	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		△C9197	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
R9822	NRS12BJ-220W	MG RESISTOR	22Ω 1/2W J		△C9198	QCZ9079-222	C CAPACITOR	2200pF AC250V M	
R9823	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		C9201	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
R9825	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		△C9203	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
R9826	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		C9204	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
R9827	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		△C9205	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
R9828	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		C9211	QFZ0128-474	MPP CAPACITOR	0.47uF DC400V H	
R9829	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		C9212	NCB31HJ-103X	C CAPACITOR	0.01uF 50V J	
R9830	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		C9213	NCB21CK-684X	C CAPACITOR	0.68uF 16V K	
R9831	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		C9214	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
					C9215	QEHR1VM-476Z	E CAPACITOR	47uF 35V M	
L9802	NQL63EM-101X	COIL	100uH M		C9216	QEZ0650-227	E CAPACITOR	220uF 450V M	
L9804	NQL63EM-101X	COIL	100uH M		C9218	NCB31HJ-103X	C CAPACITOR	0.01uF 50V J	
L9806	NQL63EM-101X	COIL	100uH M		C9501	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
L9807	NQL80CL-100X	COIL	10uH L		C9502	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
					C9503	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
CN1001	QGB2501K2-13	CONNECTOR	B-B (1-13)		C9504	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
K9801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		C9505	QCZ0340-331	C CAPACITOR	330pF 2kV K	
K9802	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		C9506	QCZ0340-331	C CAPACITOR	330pF 2kV K	
K9803	NQR0413-003X	FERRITE BEADS			C9508	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
					C9509	QEHR1HM-476Z	E CAPACITOR	47uF 50V M	
					C9510	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	
					C9511	QEHR1HM-475Z	E CAPACITOR	4.7uF 50V M	
					C9512	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
					C9541	QCZ0340-681	C CAPACITOR	680pF 2kV K	
					C9543	QECR1EM-687Z	E CAPACITOR	680uF 25V M	
					C9544	QECR1EM-687Z	E CAPACITOR	680uF 25V M	
					C9545	QEHR2AM-106Z	E CAPACITOR	10uF 100V M	
					C9546	QCZ0340-681	C CAPACITOR	680pF 2kV K	
					C9547	QCZ0340-681	C CAPACITOR	680pF 2kV K	
					C9548	QECQ1EM-188	E CAPACITOR	1800uF 25V M	
					C9549	QECQ1EM-188	E CAPACITOR	1800uF 25V M	
					C9550	QECQ1EM-188	E CAPACITOR	1800uF 25V M	
					C9551	QECQ1EM-188	E CAPACITOR	1800uF 25V M	
					C9552	QEHR1HM-106Z	E CAPACITOR	10uF 50V M	
					C9553	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	
					C9554	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
					C9901	NBZ0017-106X	SP E CAPACITOR	10uF 25V M	
					C9903	QECR1AM-128Z	E CAPACITOR	1200uF 10V M	
					C9905	NBZ0017-106X	SP E CAPACITOR	10uF 25V M	
					C9906	QEZ0255-128	E CAPACITOR	1200uF 16V M	
					C9908	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
					C9910	QEHR1HM-476Z	E CAPACITOR	47uF 50V M	
					C9911	QEZ0256-128	E CAPACITOR	1200uF 10V M	
					C9912	QEHR1CM-477Z	E CAPACITOR	470uF 16V M	
					△R9001	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
					R9101	QRZ0216-4R7	UNF WW RESISTOR	4.7Ω 7W K	
					△R9199	QRZ0111-685	C RESISTOR	6.8MΩ 1/2W K	
					R9201	QRZ9055-8R2	UNF WW RESISTOR	8.2Ω	
					R9203	QRL029J-561	OMF RESISTOR	560Ω 2W J	
					R9211	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
					R9212	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
					R9213	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
					R9214	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
					R9215	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
					R9216	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
					R9217	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
					R9218	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
					R9219	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J	
					R9220	QRM059J-R15	MP RESISTOR	0.15Ω 5W J	
					R9221	QRM059J-R27	MP RESISTOR	0.27Ω 5W J	
D9021	MA111-X	SI DIODE							
D9111	S1WB/A/60-4101	BRIDGE DIODE							
△D9201	D25XB60	BRIDGE DIODE							
D9202	MA111-X	SI DIODE							
D9211	D5L60	SI DIODE							
D9213	MA111-X	SI DIODE							
D9214	MA111-X	SI DIODE							
D9501	RD12E/B2/-T5	Z DIODE							
D9502	RD33E/B/-T5	Z DIODE							
D9503	RD5.1E/B2/-T5	Z DIODE							
D9504	SARS01-T2	SI DIODE							
D9505	SARS01-T2	SI DIODE							
D9506	D1FL20U-X	SI DIODE							
D9507	PG104RS-T2	FR DIODE							
D9509	D1FS4-X	SB DIODE							

POWER P.W. BOARD ASS'Y (SMK-9601A-U2)

△Ref No.	Part No.	Part Name	Description	Local
△IC9211	MC33262D-X	IC		
△IC9501	STR-F6268S-F3	IC		
△IC9541	SE015N-LF12	IC		
IC9901	SI-8033S/F1	IC		
IC9902	PQ1CG2032FZ	IC		
Q9021	UN2211-X	TRANSISTOR		
Q9211	2SK2196	POWER MOS FET		
Q9212	2SC3928A/QR/-X	TRANSISTOR		
Q9213	IMD3A-W	DIGI TRANSISTOR		
Q9215	2SC3928A/QR/-X	TRANSISTOR		
Q9502	2SC3928A/QR/-X	TRANSISTOR		
Q9541	UN2213-X	DIGI TRANSISTOR		
Q9901	2SC3928A/QR/-X	TRANSISTOR		
Q9902	2SC3928A/QR/-X	TRANSISTOR		
Q9903	UN2213-X	DIGI TRANSISTOR		
Q9904	2SC3928A/QR/-X	TRANSISTOR		
Q9905	2SC3928A/QR/-X	TRANSISTOR		
Q9906	UN2213-X	DIGI TRANSISTOR		
D9021	MA111-X	SI DIODE		
D9111	S1WB/A/60-4101	BRIDGE DIODE		
△D9201	D25XB60	BRIDGE DIODE		
D9202	MA111-X	SI DIODE		
D9211	D5L60	SI DIODE		
D9213	MA111-X	SI DIODE		
D9214	MA111-X	SI DIODE		
D9501	RD12E/B2/-T5	Z DIODE		
D9502	RD33E/B/-T5	Z DIODE		
D9503	RD5.1E/B2/-T5	Z DIODE		
D9504	SARS01-T2	SI DIODE		
D9505	SARS01-T2	SI DIODE		
D9506	D1FL20U-X	SI DIODE		
D9507	PG104RS-T2	FR DIODE		
D9509	D1FS4-X	SB DIODE		

△Ref No.	Part No.	Part Name	Description	Local
R9222	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9223	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9224	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J	
R9225	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9226	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9227	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J	
R9228	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9233	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9236	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9237	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9501	QRL039J-333	OMF RESISTOR	33kΩ 3W J	
R9502	QRL039J-333	OMF RESISTOR	33kΩ 3W J	
R9503	NRS12BJ-224W	MG RESISTOR	220kΩ 1/2W J	
R9504	NRS12BJ-224W	MG RESISTOR	220kΩ 1/2W J	
R9505	QRL039J-220	OMF RESISTOR	22Ω 3W J	
R9506	QRL039J-220	OMF RESISTOR	22Ω 3W J	
R9507	QRM059J-R15	MP RESISTOR	0.15Ω 5W J	
R9508	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J	
△R9509	QRZ9009-1R5	FUSI RESISTOR	1.5Ω 1/2W J	
R9512	QRK126J-152X	UNF C RESISTOR	1.5kΩ 1/2W J	
R9513	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9514	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	
R9515	QRK126J-221X	UNF C RESISTOR	220Ω 1/2W J	
R9516	NRS12BJ-332W	MG RESISTOR	3.3kΩ 1/2W J	
R9517	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9518	NRS12BJ-100W	MG RESISTOR	10Ω 1/2W J	
R9519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9541	QRL029J-152	OMF RESISTOR	1.5kΩ 2W J	
R9542	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R9544	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R9545	QRL029J-331	OMF RESISTOR	330Ω 2W J	
R9546	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9626	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9902	NRS12BJ-220W	MG RESISTOR	22Ω 1/2W J	
R9903	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9905	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9906	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9907	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9908	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9909	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9910	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R9911	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9912	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9913	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R9915	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R9916	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9918	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9919	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9920	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9921	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9922	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R9923	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
L9141	NQL52EN-4R7X	COIL	4.7uH N	
L9201	QQR1399-001	CHOKE COIL		
L9541	NQL52EM-220X	COIL	22uH M	
L9902	QQR1401-001	CHOKE COIL		
L9904	NQL63EM-470X	COIL	47uH M	
L9905	NQL80CL-100X	COIL	10uH L	
△T9121	QAL0515-001	POWER TRANS		
△T9541	QQS0222-001	SW TRANSF		
CN0001	QGB2501J1-13	CONNECTOR	B-B (1-13)	
CN000A	QGA2001C2-13V	CONNECTOR	W-B (1-13)	
CN000B	QGA1501C2-13V	CONNECTOR	W-B (1-13)	
CN000F	QGA2001C2-04V	CONNECTOR	W-B (1-4)	
CN000G	QGA1501C2-10V	CONNECTOR	W-B (1-10)	
CN000P	QGA1201C2-15X	CONNECTOR	W-B (1-15)	
CN000Q	QGA1201C2-15X	CONNECTOR	W-B (1-15)	
CN000Y	QGA2001C2-02V	CONNECTOR	W-B (1-2)	
CN00PW	QGA7901C1-02	CONNECTOR	W-B (1-2)	
△CP9121	QMFZ043-2R0Z-J1	FUSE	2A AC250V	
△CP9211	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
△F9001	QMF51D2-6R3-J1	FUSE	6.3A AC250V	
△H9211	LC32378-001A	HEAT SINK/AL-F/		
H9541	LC32377-001A	HEAT SINK/AL-F/		
H9901	CM42862-A0A	HEAT SINK ASSY		
H9902	LC31334-002A	HEAT SINK/AL-F/		
K9001	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9501	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9502	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9503	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9504	QQR0621-002Z	FERRITE BEADS		
K9505	QQR0621-002Z	FERRITE BEADS		
K9541	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9542	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9543	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	

△Ref No.	Part No.	Part Name	Description	Local
K9544	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9545	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9901	NQR0413-003X	FERRITE BEADS		
△LF9001	QQR1281-004	LINE FILTER		
△LF9002	QQR1281-004	LINE FILTER		
△LF9003	QQR1376-001	LINE FILTER		
△PC9541	PC123Y22	PHOTO COUPLER		
△PC9542	PC123Y22	PHOTO COUPLER		
△RY9021	QSK0119-001	RELAY		
△RY9201	QSK0117-001	RELAY		
△VA9001	ERZV10V621CS	ZNR		

MSP P.W. BOARD ASS'Y (SMK0A601A-U2)

△Ref No.	Part No.	Part Name	Description	Local
IC501	MSP3415DQGB3GHX IC			
IC502	AN77L08-T	IC		
Q502	2SC2412K/QR/-X	TRANSISTOR		
Q503	DTC144EKA-X	DIGI TRANSISTOR		
C502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C508	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C510	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C511	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C512	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C514	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C515	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C517	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C522	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C523	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C524	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C525	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C526	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C527	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C528	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C529	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C530	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C531	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C532	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C533	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C534	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C535	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C536	QENC1EM-106Z	BP E CAPACITOR	10uF 25V M	
C537	QENC1EM-106Z	BP E CAPACITOR	10uF 25V M	
C541	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C542	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C543	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R516	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R517	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R518	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R522	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

L503	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J
L504	QQL244K-4R7Z	PEAKING COIL	4.7uH K
L505	QQL244K-4R7Z	PEAKING COIL	4.7uH K
CN0AL	QGA1501C2-09V	CONNECTOR	W-B (1-9)
CN0004	QGB2038K1-09	CONNECTOR	B-B (1-9)
CN0005	QGB2038K1-09	CONNECTOR	B-B (1-9)
CN00AM	QGA1501C2-11V	CONNECTOR	W-B (1-11)
K501	NQR0389-003X	FERRITE BEADS	
K502	NQR0389-003X	FERRITE BEADS	
LC501	NQR0431-001X	EMI FILTER	0.22uF 50V Z
X501	QAX0773-001Z	CRYSTAL	18.432000 MHz

RECEIVER P.W. BOARD ASS'Y (SMK0J601A-U2)

△Ref No.	Part No.	Part Name	Description	Local
IC101	CXA2069Q	IC		
IC401	CXA1875AM-X	IC		
IC6101	AN77L12-T	IC		
IC6401	TA8119P	IC		
IC6501	NJW1137M-W	IC		
IC6531	RC4558D-X	IC		
IC6551	RC4558D-X	IC		
IC6641	TA2024ASE-X	IC		
IC6701	M62320FP-X	IC		
Q101	2SC2412K/QR/-X	TRANSISTOR		
Q102	2SC2412K/QR/-X	TRANSISTOR		
Q103	2SA1037AK/QR/-X	TRANSISTOR		
Q104	DTC323TK-X	DIGI TRANSISTOR		
Q105	DTC323TK-X	DIGI TRANSISTOR		
Q106	2SC1740S/QR/-T	TRANSISTOR		
Q131	2SA933AS/QR/-T	TRANSISTOR		
Q136	DTC323TK-X	DIGI TRANSISTOR		
Q137	DTC323TK-X	DIGI TRANSISTOR		
Q138	2SA1037AK/QR/-X	TRANSISTOR		
Q211	2SC2412K/QR/-X	TRANSISTOR		
Q212	2SC2412K/QR/-X	TRANSISTOR		
Q221	2SC2412K/QR/-X	TRANSISTOR		
Q222	2SC2412K/QR/-X	TRANSISTOR		
Q231	2SC2412K/QR/-X	TRANSISTOR		
Q232	2SC2412K/QR/-X	TRANSISTOR		
Q233	DTC323TK-X	DIGI TRANSISTOR		
Q234	DTC323TK-X	DIGI TRANSISTOR		
Q311	UN2226-X	DIGI TRANSISTOR		
Q312	UN2226-X	DIGI TRANSISTOR		
Q313	UN2110-X	DIGI TRANSISTOR		
Q314	2SA1530A/QR/-X	TRANSISTOR		
Q411	2SC3928A/QR/-X	TRANSISTOR		
Q412	2SC3928A/QR/-X	TRANSISTOR		
Q6401	UN2110-X	DIGI TRANSISTOR		
Q6402	UN2226-X	DIGI TRANSISTOR		
Q6501	2SC3928A/QR/-X	TRANSISTOR		
Q6502	2SC3928A/QR/-X	TRANSISTOR		
Q6503	2SA1530A/QR/-X	TRANSISTOR		
Q6504	2SC3928A/QR/-X	TRANSISTOR		
Q6505	2SC3928A/QR/-X	TRANSISTOR		
Q6506	2SA1530A/QR/-X	TRANSISTOR		
Q6551	2SC3928A/QR/-X	TRANSISTOR		
Q6552	2SC3928A/QR/-X	TRANSISTOR		
Q6581	2SC3928A/QR/-X	TRANSISTOR		
Q6582	2SA1530A/QR/-X	TRANSISTOR		
Q6591	DTC323TK-X	DIGI TRANSISTOR		
Q6592	DTC323TK-X	DIGI TRANSISTOR		
Q6593	2SA1530A/QR/-X	TRANSISTOR		
Q6601	2SC3928A/QR/-X	TRANSISTOR		
Q6701	2SC3928A/QR/-X	TRANSISTOR		
Q6702	2SA1530A/QR/-X	TRANSISTOR		
Q6703	2SC3928A/QR/-X	TRANSISTOR		
Q6704	2SC3928A/QR/-X	TRANSISTOR		
Q6705	2SA1530A/QR/-X	TRANSISTOR		
D101	MA3056/M/-X	Z DIODE		
D102	MA3056/M/-X	Z DIODE		
D103	MA3056/M/-X	Z DIODE		
D104	MA3056/M/-X	Z DIODE		
D105	MA3056/M/-X	Z DIODE		
D131	MA3120/M/-X	Z DIODE		
D164	MA3120/M/-X	Z DIODE		
D201	MA3039/H/-X	Z DIODE		
D202	MA3056/M/-X	Z DIODE		
D203	MA3056/M/-X	Z DIODE		
D204	MA3056/M/-X	Z DIODE		
D205	MA3056/M/-X	Z DIODE		
D206	MA3039/H/-X	Z DIODE		
D207	MA3056/M/-X	Z DIODE		
D301	MA8100/M/-X	Z DIODE		
D302	MA8100/M/-X	Z DIODE		
D303	MA8100/M/-X	Z DIODE		
D305	MA8100/M/-X	Z DIODE		
D306	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
D307	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
D310	MA111-X	SI DIODE		
D311	MA111-X	SI DIODE		
D6401	1SR35-400A-T2	SI DIODE		
D6541	MA8062/M/-X	Z DIODE		
D6561	MA111-X	SI DIODE		
D6562	MA111-X	SI DIODE		
D6571	MA111-X	SI DIODE		
D6572	MA111-X	SI DIODE		
D6573	MA111-X	SI DIODE		

△Ref No.	Part No.	Part Name	Description	Local
D6574	MA111-X	SI DIODE		
D6581	MA111-X	SI DIODE		
D6582	MA111-X	SI DIODE		
D6583	MA111-X	SI DIODE		
D6584	MA111-X	SI DIODE		
D6585	MA111-X	SI DIODE		
D6641	D1FS4-X	SB DIODE		
D6642	D1FS4-X	SB DIODE		
D6643	D1FS4-X	SB DIODE		
D6644	D1FS4-X	SB DIODE		
D6701	MA111-X	SI DIODE		
D6702	MA111-X	SI DIODE		
C105	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C115	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C125	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C131	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C132	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C133	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C141	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C142	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C143	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C144	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C145	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C146	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C147	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C148	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C149	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C150	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C151	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C152	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C153	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C170	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C171	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C172	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C173	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C174	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C177	QENC1EM-106Z	BP E CAPACITOR	10uF 25V M	
C178	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C179	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C182	QENC1EM-106Z	BP E CAPACITOR	10uF 25V M	
C184	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C185	QETN1HM-476Z	E CAPACITOR	47uF 50V M	
C190	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C191	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C192	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C193	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C194	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C195	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C196	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C197	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C214	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C221	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C222	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C223	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C224	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C225	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C226	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C251	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C307	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C308	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C309	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C310	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C311	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C312	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C343	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C344	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C401	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C411	QENC1EM-106Z	BP E CAPACITOR	10uF 25V M	
C412	QENC1EM-106Z	BP E CAPACITOR	10uF 25V M	
C6101	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6102	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6103	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6104	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C6401	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6402	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6403	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6404	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6405	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C6406	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6407	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C6408	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C6409	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6410	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6501	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6502	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6503	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C6504	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R103	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C6505	NCB31HK-332X	C CAPACITOR	3300pF 50V K		R104	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
C6506	NCB31HK-332X	C CAPACITOR	3300pF 50V K		R111	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C6507	NCB31HK-333X	C CAPACITOR	0.033uF 50V K		R112	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
C6508	NCB31HK-333X	C CAPACITOR	0.033uF 50V K		R113	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C6509	NCB31HK-472X	C CAPACITOR	4700pF 50V K		R114	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
C6510	NCB31HK-472X	C CAPACITOR	4700pF 50V K		R115	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C6511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R116	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C6512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R117	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C6513	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M		R118	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C6514	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M		R119	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C6515	QETN1EM-476Z	E CAPACITOR	47uF 25V M		R131	QRG01GJ-101	OMF RESISTOR	100Ω 1W J	
C6516	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R132	QRK126J-181X	UNF C RESISTOR	180Ω 1/2W J	
C6517	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R133	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C6518	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R134	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6519	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R135	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
C6520	QETN1HM-105Z	E CAPACITOR	1uF 50V M		R136	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
C6521	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R137	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
C6522	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R138	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
C6523	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R139	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C6524	QETN1CM-476Z	E CAPACITOR	47uF 16V M		R141	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6526	QETN1CM-476Z	E CAPACITOR	47uF 16V M		R142	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6531	QETN1HM-105Z	E CAPACITOR	1uF 50V M		R143	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6532	QETN1HM-105Z	E CAPACITOR	1uF 50V M		R144	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6533	QETN1EM-476Z	E CAPACITOR	47uF 25V M		R145	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6534	NDC31HJ-100X	C CAPACITOR	10pF 50V J		R146	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6535	NDC31HJ-100X	C CAPACITOR	10pF 50V J		R147	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6541	QETN1EM-476Z	E CAPACITOR	47uF 25V M		R148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6551	NCB31CK-683X	C CAPACITOR	0.068uF 16V K		R149	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6552	NCB31CK-683X	C CAPACITOR	0.068uF 16V K		R150	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6553	NCB31CK-683X	C CAPACITOR	0.068uF 16V K		R151	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6554	NCB31CK-683X	C CAPACITOR	0.068uF 16V K		R152	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6555	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6556	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R154	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6557	QETN1EM-476Z	E CAPACITOR	47uF 25V M		R155	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6561	QETN1HM-105Z	E CAPACITOR	1uF 50V M		R175	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6563	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M		R176	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6571	NCB11EK-105X	C CAPACITOR	1uF 25V K		R177	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
C6572	NCB11EK-105X	C CAPACITOR	1uF 25V K		R178	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
C6573	NCB11EK-105X	C CAPACITOR	1uF 25V K		R179	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
C6574	NCB11EK-105X	C CAPACITOR	1uF 25V K		R180	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
C6575	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R181	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C6576	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R182	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6577	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R183	QRK126J-151X	UNF C RESISTOR	150Ω 1/2W J	
C6578	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R184	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C6581	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R185	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6582	QETN1EM-476Z	E CAPACITOR	47uF 25V M		R186	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C6583	QETN1HM-105Z	E CAPACITOR	1uF 50V M		R187	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6591	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R188	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C6592	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R189	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C6593	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R190	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C6602	QETN1EM-337Z	E CAPACITOR	330uF 25V M		R191	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C6603	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R192	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C6604	QETN1EM-337Z	E CAPACITOR	330uF 25V M		R193	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6605	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R194	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6606	NCB11EK-105X	C CAPACITOR	1uF 25V K		R211	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C6607	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R212	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C6608	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R213	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
C6610	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R214	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
C6611	NCB11EK-105X	C CAPACITOR	1uF 25V K		R215	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
C6612	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R216	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C6613	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R217	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
C6614	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R218	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6621	NCB11EK-105X	C CAPACITOR	1uF 25V K		R221	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C6622	NCB11EK-105X	C CAPACITOR	1uF 25V K		R222	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C6623	NDC31HJ-121X	C CAPACITOR	120pF 50V J		R223	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
C6624	NDC31HJ-121X	C CAPACITOR	120pF 50V J		R224	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
C6641	NCB21EK-224X	C CAPACITOR	0.22uF 25V K		R225	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
C6642	NCB21EK-224X	C CAPACITOR	0.22uF 25V K		R226	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C6643	NCB21EK-224X	C CAPACITOR	0.22uF 25V K		R227	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
C6644	NCB21EK-224X	C CAPACITOR	0.22uF 25V K		R228	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6645	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		R231	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6646	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		R232	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6647	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R234	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
C6648	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R235	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
C6649	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R236	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6650	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R237	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6651	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R241	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C6652	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R242	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C6701	NCB11CK-225X	C CAPACITOR	2.2uF 16V K		R258	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6702	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R260	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6703	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R271	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C6704	NCB11EK-105X	C CAPACITOR	1uF 25V K		R272	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C6705	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R273	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
					R274	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R101	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R275	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R102	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R301	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R302	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R6573	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R303	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R6574	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R304	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		R6575	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R305	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		R6576	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R306	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R6577	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R307	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R6578	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R308	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J		R6579	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R309	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J		R6581	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R310	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R6582	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R311	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R6583	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R312	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R6584	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R313	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J		R6585	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R315	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R6586	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R316	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J		R6587	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R341	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R6588	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R342	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R6591	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R343	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R6592	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R344	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R6593	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R401	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R6594	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R402	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R6597	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R403	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6601	NRSA63D-822X	MG RESISTOR	8.2kΩ 1/16W D	
R411	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6604	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R412	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6606	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R413	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R6621	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R414	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R6622	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R415	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6623	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R416	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6624	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R417	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R6641	QRK126J-100X	UNF C RESISTOR	10Ω 1/2W J	
R418	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R6642	QRK126J-100X	UNF C RESISTOR	10Ω 1/2W J	
R6101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6704	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R6105	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6706	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6108	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6709	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6402	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6710	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6403	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		R6717	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6404	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		R6718	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6406	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R6719	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6407	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6720	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6408	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		R6723	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6409	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R6724	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6501	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R6725	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6502	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R6727	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	
R6503	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R6728	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6504	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R6729	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6505	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R6730	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6506	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R6731	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6507	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6732	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6508	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R6733	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R6509	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R6734	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R6510	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R6735	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R6511	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J						
R6512	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		L6641	QQL28AM-100	COIL	10uH M	
R6513	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		L6642	QQL28AM-100	COIL	10uH M	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L6643	QQL28AM-100	COIL	10uH M	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L6644	QQL28AM-100	COIL	10uH M	
R6516	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J						
R6517	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		CN000F	QGA2001C2-04V	CONNECTOR	W-B (1-4)	
R6518	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN000G	QGA1501C2-10V	CONNECTOR	W-B (1-10)	
R6531	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		CN000J	QGA1501C2-06V	CONNECTOR	W-B (1-6)	
R6532	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		CN000K	QGA1501C2-07V	CONNECTOR	W-B (1-7)	
R6533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN000N	QGA1501C2-07V	CONNECTOR	W-B (1-7)	
R6534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN000S	QGA2501C5-06Z	CONNECTOR	W-B (1-6)	
R6535	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		CN000U	QGA1501C2-04V	CONNECTOR	W-B (1-4)	
R6536	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		CN00AD	QGA1501C2-08V	CONNECTOR	W-B (1-8)	
R6541	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		CN00AE	QGA1501C2-07V	CONNECTOR	W-B (1-7)	
R6551	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J		CN00AL	QGA1501C2-09V	CONNECTOR	W-B (1-9)	
R6552	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J		J101	QNZ0463-001	21P CONNECTOR	EXT-1	
R6553	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		J201	QNZ0463-001	21P CONNECTOR	EXT-2	
R6554	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		J301	QND0102-001	S JACK	EXT-3 S IN	
R6555	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		J302	QNN0370-001	PIN JACK	EXT-3 V/L/R IN	
R6556	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		J401	QNN0595-001	PIN JACK	EXT-3 A_OUT L/R IN	
R6557	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		K101	CE42681-001Y	CHIP BEADS CORE		
R6558	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		K102	CE42681-001Y	CHIP BEADS CORE		
R6559	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		K201	CE42681-001Y	CHIP BEADS CORE		
R6560	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		K202	CE42681-001Y	CHIP BEADS CORE		
R6561	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J		K6101	NQR0413-002X	FERRITE BEADS		
R6562	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		K6591	NQR0413-002X	FERRITE BEADS		
R6563	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		K6592	NQR0413-002X	FERRITE BEADS		
R6564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		K6641	NQR0413-002X	FERRITE BEADS		
R6565	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J		K6642	NQR0413-002X	FERRITE BEADS		
R6571	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		K6643	NQR0413-002X	FERRITE BEADS		
R6572	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		K6644	NQR0413-002X	FERRITE BEADS		

△Ref No.	Part No.	Part Name	Description	Local
TH6601	NAD0035-471X	P THERMISTOR		470Ω

FRONT SENSOR P.W. BOARD ASS'Y (SMK0L602A-U2)

△Ref No.	Part No.	Part Name	Description	Local
IC8752	GP1UM281QK	IR DETECT UNIT		38kHz
C8752	QETN1CM-476Z	E CAPACITOR		47uF 16V M
R8756	NRSA63J-0R0X	MG RESISTOR		0Ω 1/16W J
R8757	NRSA63J-0R0X	MG RESISTOR		0Ω 1/16W J
R8759	NRSA63J-102X	MG RESISTOR		1kΩ 1/16W J
CN8003	QGB2542J1-08	CONNECTOR		B-B (1-8)

FRONT CONTROL P.W. BOARD ASS'Y (SMK0L601A-U2)

△Ref No.	Part No.	Part Name	Description	Local
Q8701	UN2212-X	DIGI TRANSISTOR		
Q8702	UN2212-X	DIGI TRANSISTOR		
D6411	MA8062/M/-X	Z DIODE		
D6412	MA8062/M/-X	Z DIODE		
D6413	MA8062/M/-X	Z DIODE		
D8702	LSR22440-T16	LED		POWER
C6411	QETN1AM-227Z	E CAPACITOR		220uF 10V M
C6412	QETN1AM-227Z	E CAPACITOR		220uF 10V M
C6413	NDC31HJ-102X	C CAPACITOR		1000pF 50V J
C6414	NDC31HJ-102X	C CAPACITOR		1000pF 50V J
R6411	NRSA63J-390X	MG RESISTOR		39Ω 1/16W J
R6412	NRSA63J-390X	MG RESISTOR		39Ω 1/16W J
R6413	NRSA63J-390X	MG RESISTOR		39Ω 1/16W J
R6414	NRSA63J-390X	MG RESISTOR		39Ω 1/16W J
R6415	NRSA63J-103X	MG RESISTOR		10kΩ 1/16W J
R6416	NRSA63J-103X	MG RESISTOR		10kΩ 1/16W J
R6417	NRSA63J-101X	MG RESISTOR		100Ω 1/16W J
R8701	NRSA63J-562X	MG RESISTOR		5.6kΩ 1/16W J
R8702	NRSA63J-153X	MG RESISTOR		15kΩ 1/16W J
R8703	NRSA63J-562X	MG RESISTOR		5.6kΩ 1/16W J
R8704	NRSA63J-153X	MG RESISTOR		15kΩ 1/16W J
R8711	NRSA63J-102X	MG RESISTOR		1kΩ 1/16W J
R8712	NRSA63J-102X	MG RESISTOR		1kΩ 1/16W J
R8713	NRSA63J-682X	MG RESISTOR		6.8kΩ 1/16W J
R8714	NRSA63J-0R0X	MG RESISTOR		0Ω 1/16W J
CN3003	QGB2542K1-08	CONNECTOR		B-B (1-8)
CN300T	QGA1501C2-10V	CONNECTOR		W-B (1-10)
CN300U	QGA1501C2-04V	CONNECTOR		W-B (1-4)
J6401	QMS3004-C01	H.P.JACK		HEAD PHONE
S8701	QSW0797-001	TACT SWITCH		CHANNEL+
S8702	QSW0797-001	TACT SWITCH		CHANNEL-
S8703	QSW0797-001	TACT SWITCH		VOLUME+
S8704	QSW0797-001	TACT SWITCH		VOLUME-
S8705	QSW0797-001	TACT SWITCH		TV/AV
S8706	QSW0797-001	TACT SWITCH		MENU/OK
S8707	QSW0797-001	TACT SWITCH		POWER

TUNER P.W. BOARD ASS'Y (SMK0R601A-U2)

△Ref No.	Part No.	Part Name	Description	Local
C001	NCB31HK-222X	C CAPACITOR		2200pF 50V K
C002	NCB11AK-106X	C CAPACITOR		10uF 10V K
C004	NCF31CZ-104X	C CAPACITOR		0.1uF 16V Z
C005	QETN0JM-108Z	E CAPACITOR		1000uF 6.3V M
C006	NCB31HK-103X	C CAPACITOR		0.01uF 50V K
C007	QETN1HM-106Z	E CAPACITOR		10uF 50V M
C008	NCF31CZ-104X	C CAPACITOR		0.1uF 16V Z
C009	QETN0JM-108Z	E CAPACITOR		1000uF 6.3V M
C010	NCF31AZ-105X	C CAPACITOR		1uF 10V Z
C013	QETN0JM-108Z	E CAPACITOR		1000uF 6.3V M
C015	NCB31HK-333X	C CAPACITOR		0.033uF 50V K
R002	NRSA63J-101X	MG RESISTOR		100Ω 1/16W J
R003	NRSA63J-101X	MG RESISTOR		100Ω 1/16W J

△Ref No.	Part No.	Part Name	Description	Local
R004	NRSA63J-0R0X	MG RESISTOR		0Ω 1/16W J
R005	NRSA63J-0R0X	MG RESISTOR		0Ω 1/16W J
R012	NRSA63J-473X	MG RESISTOR		47kΩ 1/16W J
R013	NRSA63J-473X	MG RESISTOR		47kΩ 1/16W J

L001	NQL034K-220X	P COIL		22uH K
L002	NQL034K-100X	COIL		10uH K
L003	NQL034K-100X	COIL		10uH K

CN004	QGB2038J1-09	CONNECTOR		B-B (1-9)
CN005	QGB2038J1-09	CONNECTOR		B-B (1-9)
TU001	QAU0188-004	TUNER		

MI-COM & DIST P.W. BOARD ASS'Y (SMK0Z601A-U2)

△Ref No.	Part No.	Part Name	Description	Local
IC001	SDA6000-B12	IC		128pin
IC002	S-80828CNNB-W	IC		
IC003	K4S641632F-TC75	IC(DIGITAL)		
IC004	MBV160-26C31UE	IC(MICRO C ROM)		(SERVICE)
IC006	AT24C64-26C31UE	IC		(SERVICE)
IC007	TC7WH126FU-X	IC		
IC008	PQ2L3252MS-X	IC		
IC301	R1170H251B-X	IC		
IC302	UPD64083GF	IC		100pin
IC401	JCC5056A	IC		256pin
IC404	LC4128V-75T100C	IC		100pin
IC701	TB1274AF	IC		
IC702	TC90A69AF-X	IC		
IC703	TC4053BF/N/-XE	IC		
IC704	BA05FP-X	IC		
IC1201	TC90A90FG	IC		100pin
IC1202	MSM514265E-60TS	IC		
IC1203	TC7WH34FU-X	IC		
IC1204	TLC2932IPW-X	IC		
IC1205	TC4053BF/N/-XE	IC		
IC1206	BU2098F-X	IC		
IC1207	TC7WH157FU-X	IC		
IC1208	TC7WH157FU-X	IC		
IC1901	PQ070XH02Z-W	IC		
IC1904	PQ033DZ01Z-X	IC		
IC4001	AD9883AKST-110	IC		100pin
IC4013	TC7WH34FU-X	IC		
IC4101	TMC57128GJG	IC		264pin
IC4102	HY5DU283222Q-5	IC		100pin
IC4103	MBV400TC90PFN26	IC(MICRO C ROM)		
IC4104	SN74AHC2G74T-X	IC		
IC4105	TC7S08F-X	IC(DIGITAL)		
IC4106	S-80828CLNB-W	IC		
IC4107	LP3964EMP-ADJ-X	IC		
IC4108	LP3964EMP-ADJ-X	IC		
IC4201	JCC5054	IC		256pin
IC4203	R1170H151B-X	IC		
IC7301	MN82860	IC		208pin
IC7601	THC63LVDM83R-W	IC		
IC7805	AT24C08-26C31UE	IC		(SERVICE)
IC7807	HD64F3687FP	IC		
IC7809	S-80828CLNB-W	IC		

Q001	2SC2712/YG/-X	TRANSISTOR		
Q003	2SC2712/YG/-X	TRANSISTOR		
Q004	DTC124EKA-X	DIGI TRANSISTOR		
Q007	2SA1530A/QR/-X	TRANSISTOR		
Q008	2SA1530A/QR/-X	TRANSISTOR		
Q009	2SC2712/YG/-X	TRANSISTOR		
Q010	2SC2712/YG/-X	TRANSISTOR		
Q011	2SC2712/YG/-X	TRANSISTOR		
Q012	2SC2712/YG/-X	TRANSISTOR		
Q013	2SK1830-X	MOS FET		
Q014	2SK1830-X	MOS FET		
Q015	2SK1830-X	MOS FET		
Q016	DTC124EKA-X	DIGI TRANSISTOR		
Q017	DTC124EKA-X	DIGI TRANSISTOR		
Q018	2SA1022/BC/-X	TRANSISTOR		
Q019	2SA1022/BC/-X	TRANSISTOR		
Q020	2SA1022/BC/-X	TRANSISTOR		
Q331	2SA1037AK/QR/-X	TRANSISTOR		
Q332	2SC2412K/QR/-X	TRANSISTOR		
Q333	2SA1037AK/QR/-X	TRANSISTOR		
Q351	2SA1037AK/QR/-X	TRANSISTOR		
Q352	2SC2412K/QR/-X	TRANSISTOR		
Q353	2SA1037AK/QR/-X	TRANSISTOR		
Q354	2SA1037AK/QR/-X	TRANSISTOR		
Q701	2SA1037AK/QR/-X	TRANSISTOR		

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
Q702	2SA1037AK/QR/-X	TRANSISTOR			C031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q703	2SA1037AK/QR/-X	TRANSISTOR			C032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q704	2SC2412K/QR/-X	TRANSISTOR			C034	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q705	2SA1037AK/QR/-X	TRANSISTOR			C035	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q707	2SA1037AK/QR/-X	TRANSISTOR			C036	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q711	2SC2412K/QR/-X	TRANSISTOR			C037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q712	2SC2412K/QR/-X	TRANSISTOR			C038	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q713	2SC2412K/QR/-X	TRANSISTOR			C039	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q714	2SC2412K/QR/-X	TRANSISTOR			C040	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
Q715	2SC2412K/QR/-X	TRANSISTOR			C041	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
Q716	2SC2412K/QR/-X	TRANSISTOR			C042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q753	2SC2412K/QR/-X	TRANSISTOR			C043	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q754	2SC2412K/QR/-X	TRANSISTOR			C045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q755	2SC2412K/QR/-X	TRANSISTOR			C046	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q756	2SA1037AK/QR/-X	TRANSISTOR			C047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q758	2SC2412K/QR/-X	TRANSISTOR			C048	NEH71CM-476X	E CAPACITOR	47uF 16V M	
Q759	2SC2412K/QR/-X	TRANSISTOR			C049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q760	2SA1037AK/QR/-X	TRANSISTOR			C050	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q762	2SC2412K/QR/-X	TRANSISTOR			C051	NEH71CM-476X	E CAPACITOR	47uF 16V M	
Q763	2SC2412K/QR/-X	TRANSISTOR			C052	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q764	IMX1-XW	PAIR TRANSISTOR			C053	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q791	2SC2412K/QR/-X	TRANSISTOR			C054	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q792	2SC2412K/QR/-X	TRANSISTOR			C055	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q793	DTC124EKA-X	DIGI TRANSISTOR			C056	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q1101	2SC2412K/QR/-X	TRANSISTOR			C057	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q1102	2SC2412K/QR/-X	TRANSISTOR			C059	NCB11AK-106X	C CAPACITOR	10uF 10V K	
Q1103	2SA1037AK/QR/-X	TRANSISTOR			C060	NCB11AK-106X	C CAPACITOR	10uF 10V K	
Q1104	2SC2412K/QR/-X	TRANSISTOR			C061	NEH71CM-106X	E CAPACITOR	10uF 16V M	
Q1105	2SA1037AK/QR/-X	TRANSISTOR			C062	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
Q1106	2SC2412K/QR/-X	TRANSISTOR			C067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q1107	DTC124EKA-X	DIGI TRANSISTOR			C074	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
Q1201	2SC2412K/QR/-X	TRANSISTOR			C076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q1202	2SC2412K/QR/-X	TRANSISTOR			C078	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
Q1203	2SA1037AK/QR/-X	TRANSISTOR			C079	NEH71CM-476X	E CAPACITOR	47uF 16V M	
Q1205	2SC2412K/QR/-X	TRANSISTOR			C302	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
Q1206	2SC2412K/QR/-X	TRANSISTOR			C304	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q1207	2SA1037AK/QR/-X	TRANSISTOR			C305	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
Q1209	2SC2412K/QR/-X	TRANSISTOR			C307	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q1210	2SC2412K/QR/-X	TRANSISTOR			C308	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q1211	2SA1037AK/QR/-X	TRANSISTOR			C309	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
Q1215	DTC124EKA-X	DIGI TRANSISTOR			C310	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q4001	2SC3837K/NP/-X	TRANSISTOR			C313	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q4002	2SA1022/BC/-X	TRANSISTOR			C314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q4003	IMX1-XW	PAIR TRANSISTOR			C315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q4005	2SC3837K/NP/-X	TRANSISTOR			C316	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q4006	2SA1022/BC/-X	TRANSISTOR			C317	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q4007	IMX1-XW	PAIR TRANSISTOR			C318	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q4008	2SC3837K/NP/-X	TRANSISTOR			C319	NEH91CM-476X	E CAPACITOR	47uF 16V M	
Q4009	2SA1022/BC/-X	TRANSISTOR			C321	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q4010	IMX1-XW	PAIR TRANSISTOR			C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q7301	2SA1022/BC/-X	TRANSISTOR			C323	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q7302	2SA1022/BC/-X	TRANSISTOR			C324	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q7303	2SA1022/BC/-X	TRANSISTOR			C325	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q7601	2SC3928A/QR/-X	TRANSISTOR			C326	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
Q7801	2SC3928A/QR/-X	TRANSISTOR			C331	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q7803	2SC3928A/QR/-X	TRANSISTOR			C332	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
					C333	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
D001	MA111-X	SI DIODE			C334	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
D002	MA111-X	SI DIODE			C335	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
D003	MA3068/M/-X	Z DIODE			C336	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
D005	RSA6.1J4-W	SI DIODE			C351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
D006	RSA6.1J4-W	SI DIODE			C352	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
D1901	D1FS4-X	SB DIODE			C354	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
D1902	PTZ11B-X	Z DIODE			C356	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
D1904	PTZ6.8B-X	Z DIODE			C401	NEH90JM-107X	E CAPACITOR	100uF 6.3V M	
D7803	MA111-X	SI DIODE			C403	NEH90JM-107X	E CAPACITOR	100uF 6.3V M	
D7804	MA3056/M/-X	Z DIODE			C404	NEH90JM-107X	E CAPACITOR	100uF 6.3V M	
					C405	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C001	NEH70GM-227X	E CAPACITOR	220uF 4V M		C406	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C002	NEH90JM-107X	E CAPACITOR	100uF 6.3V M		C407	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C003	NCB20JK-225X	C CAPACITOR	2.2uF 6.3V K		C408	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C409	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C005	NCB20JK-225X	C CAPACITOR	2.2uF 6.3V K		C410	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C006	NCB20JK-225X	C CAPACITOR	2.2uF 6.3V K		C411	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C007	NEH70GM-227X	E CAPACITOR	220uF 4V M		C412	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C011	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C413	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C012	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C414	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C019	NEH71CM-476X	E CAPACITOR	47uF 16V M		C415	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C020	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C416	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C021	NEH71CM-476X	E CAPACITOR	47uF 16V M		C417	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C022	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C418	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C023	NCB31EK-333X	C CAPACITOR	0.033uF 25V K		C419	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C024	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C420	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C027	NEH71CM-476X	E CAPACITOR	47uF 16V M		C421	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C028	NEH71CM-476X	E CAPACITOR	47uF 16V M		C422	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C029	NDC31HJ-151X	C CAPACITOR	150pF 50V J		C423	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C462	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C463	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1001	NBE71CM-476X	TA E CAPACITOR	47uF 16V M	
C466	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C469	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1003	NCB21CK-334X	C CAPACITOR	0.33uF 16V K	
C701	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1004	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C702	NCF31CZ-224X	C CAPACITOR	0.22uF 16V Z		C1005	NBE71CM-476X	TA E CAPACITOR	47uF 16V M	
C703	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C704	NEH71CM-476X	E CAPACITOR	47uF 16V M		C1007	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C706	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1009	NEH90JM-107X	E CAPACITOR	100uF 6.3V M	
C707	NEH71CM-476X	E CAPACITOR	47uF 16V M		C1010	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C708	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1101	NEH91EM-336X	E CAPACITOR	33uF 25V M	
C709	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z		C1102	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C710	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1103	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C711	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1104	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C712	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C713	NEH71CM-476X	E CAPACITOR	47uF 16V M		C1106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C714	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C715	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1108	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C716	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1110	NBE71CM-476X	TA E CAPACITOR	47uF 16V M	
C717	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1111	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C718	NEH71CM-106X	E CAPACITOR	10uF 16V M		C1201	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C719	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J		C1202	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C720	NCB31AK-474X	C CAPACITOR	0.47uF 10V K		C1203	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C721	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1204	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C722	NCB11CK-225X	C CAPACITOR	2.2uF 16V K		C1206	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C723	NCB31HK-223X	C CAPACITOR	0.022uF 50V K		C1207	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C724	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1208	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C726	NDC31HJ-271X	C CAPACITOR	270pF 50V J		C1209	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C728	NEH70JM-107X	E CAPACITOR	100uF 6.3V M		C1210	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C730	NEH70JM-107X	E CAPACITOR	100uF 6.3V M		C1211	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C731	NEH71EM-226X	E CAPACITOR	22uF 25V M		C1212	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C732	NCF31CZ-334X	C CAPACITOR	0.33uF 16V Z		C1213	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C734	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C741	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1221	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C742	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1222	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C743	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1223	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C744	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1224	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C745	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1225	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C746	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1226	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C750	NDC31HJ-180X	C CAPACITOR	18pF 50V J		C1227	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C751	NDC31HJ-181X	C CAPACITOR	180pF 50V J		C1228	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C752	NDC31HJ-820X	C CAPACITOR	82pF 50V J		C1229	NEH91CM-476X	E CAPACITOR	47uF 16V M	
C753	NEH91CM-476X	E CAPACITOR	47uF 16V M		C1230	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C754	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1231	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C755	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1232	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C756	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1233	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C757	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1234	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C758	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1235	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C759	NCB31AK-474X	C CAPACITOR	0.47uF 10V K		C1236	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C760	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1237	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C761	NDC31HJ-681X	C CAPACITOR	680pF 50V J		C1238	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C762	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1239	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C763	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1240	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C764	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1241	NEH91CM-476X	E CAPACITOR	47uF 16V M	
C765	NDC31HJ-560X	C CAPACITOR	56pF 50V J		C1242	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C766	NDC31HJ-560X	C CAPACITOR	56pF 50V J		C1243	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C767	NEH91CM-476X	E CAPACITOR	47uF 16V M		C1244	NEH91CM-476X	E CAPACITOR	47uF 16V M	
C768	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1245	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C769	NDC31HJ-560X	C CAPACITOR	56pF 50V J		C1246	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C770	NDC31HJ-560X	C CAPACITOR	56pF 50V J		C1247	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C771	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1248	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C772	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1249	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C773	NDC31HJ-330X	C CAPACITOR	33pF 50V J		C1250	NEH91CM-476X	E CAPACITOR	47uF 16V M	
C774	NDC31HJ-150X	C CAPACITOR	15pF 50V J		C1251	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C775	NDC31HJ-100X	C CAPACITOR	10pF 50V J		C1252	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C776	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1253	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C777	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1261	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C778	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C779	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1302	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C780	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1303	NCB21HK-472X	C CAPACITOR	4700pF 50V K	
C781	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1304	NCB21CK-474X	C CAPACITOR	0.47uF 16V K	
C782	NEH70JM-107X	E CAPACITOR	100uF 6.3V M		C1321	NEH91CM-476X	E CAPACITOR	47uF 16V M	
C783	NEH70JM-107X	E CAPACITOR	100uF 6.3V M		C1322	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C784	NEH70JM-107X	E CAPACITOR	100uF 6.3V M		C1341	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C785	NEH70JM-107X	E CAPACITOR	100uF 6.3V M		C1342	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C786	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z		C1901	NEH90JM-107X	E CAPACITOR	100uF 6.3V M	
C787	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C1902	NEH90JM-107X	E CAPACITOR	100uF 6.3V M	
C788	NEH70JM-107X	E CAPACITOR	100uF 6.3V M		C1906	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C789	NEH71CM-476X	E CAPACITOR	47uF 16V M		C1911	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C790	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z		C1912	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C791	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z		C1913	NEH90JM-107X	E CAPACITOR	100uF 6.3V M	
C792	NEH91CM-476X	E CAPACITOR	47uF 16V M		C1914	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
C793	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1917	NEH91CM-476X	E CAPACITOR	47uF 16V M	
C794	NDC31HJ-180X	C CAPACITOR	18pF 50V J		C1918	NEH90JM-107X	E CAPACITOR	100uF 6.3V M	
C795	NDC31HJ-100X	C CAPACITOR	10pF 50V J		C1919	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
C796	NDC31HJ-180X	C CAPACITOR	18pF 50V J		C4002	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C797	NDC31HJ-100X	C CAPACITOR	10pF 50V J		C4005	NDC31HJ-470X	C CAPACITOR	47pF 50V J	

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△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C7341	NDC31HJ-680X	C CAPACITOR	68pF 50V J		R104	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7342	NDC31HJ-680X	C CAPACITOR	68pF 50V J		R105	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C7343	NDC31HJ-680X	C CAPACITOR	68pF 50V J		R106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C7344	NEH71EM-475X	E CAPACITOR	4.7uF 25V M		R107	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C7345	NEH71EM-475X	E CAPACITOR	4.7uF 25V M		R108	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7346	NEH71EM-475X	E CAPACITOR	4.7uF 25V M		R109	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7601	NEH90JM-107X	E CAPACITOR	100uF 6.3V M		R110	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C7602	NEH90JM-107X	E CAPACITOR	100uF 6.3V M		R111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C7603	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R112	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C7604	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R113	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C7607	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R114	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C7608	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R117	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7609	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R121	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7612	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R122	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C7613	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R123	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C7614	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C7615	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R125	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C7809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R126	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7810	NEH90JM-107X	E CAPACITOR	100uF 6.3V M		R127	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C7815	NEH90JM-107X	E CAPACITOR	100uF 6.3V M		R128	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C7818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R129	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
C7819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R130	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C7820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R132	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7821	NCB11AK-106X	C CAPACITOR	10uF 10V K		R133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7825	NDC31HJ-220X	C CAPACITOR	22pF 50V J		R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C7826	NDC31HJ-220X	C CAPACITOR	22pF 50V J		R136	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C7828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R137	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C7829	NEH70JM-226X	E CAPACITOR	22uF 6.3V M		R138	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C7832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R139	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R142	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R002	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R147	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R003	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R148	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R004	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R149	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R005	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R151	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R006	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R152	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R007	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R153	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R008	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R154	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R009	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R158	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R010	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R169	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R011	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R170	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R012	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R171	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R013	NRSA63J-221X	MG RESISTOR	22Ω 1/16W J		R173	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R014	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R174	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R015	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R180	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R181	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R017	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R182	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R018	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R195	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R019	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R196	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R020	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R197	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R022	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R198	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R024	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R199	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R027	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R302	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R030	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R032	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R304	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R034	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R035	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R307	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R308	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R310	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R043	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R313	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R044	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R314	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R046	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R315	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R048	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R050	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R331	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R055	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R332	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R333	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R334	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R335	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R337	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R060	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R338	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R339	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R087	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R340	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R089	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R342	NRVA63D-271X	CMF RESISTOR	270Ω 1/16W D	
R090	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R343	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R091	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R351	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R092	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R352	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R093	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R353	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R094	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R354	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R095	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R357	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R096	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R358	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R097	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R359	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R098	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R362	NRSA63D-221X	MG RESISTOR	220Ω 1/16W D	
R099	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R363	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R100	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R364	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R101	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R403	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R103	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		R404	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
					R405	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R406	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R757	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R407	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R758	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R408	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R759	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R409	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R760	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R411	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R761	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R412	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R762	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R413	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R763	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R414	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R764	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R415	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R765	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R416	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R766	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R418	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R767	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R419	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R768	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R420	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R769	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R421	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R770	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R422	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R771	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R425	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R773	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R426	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R774	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R430	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R775	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R431	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R776	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R432	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R777	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R433	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R778	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R437	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R779	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R438	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R780	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R439	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R781	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R440	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R783	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R784	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R442	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R785	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R481	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R786	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R482	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R787	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R483	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R788	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R484	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R789	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R485	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R790	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R486	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R791	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R701	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R792	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R702	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R793	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R703	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R798	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R704	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R799	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R705	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R1003	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R706	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R1101	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R707	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J		R1102	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1103	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R709	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R710	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R1105	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R711	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R1106	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R712	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R1107	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R713	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R1108	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R714	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R1109	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R715	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R1110	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R716	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R1112	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R717	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1113	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R718	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		R1114	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R719	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1115	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R720	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R1116	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R721	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R1117	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R722	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R1118	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R723	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1119	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R724	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1122	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R725	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1124	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R726	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J		R1201	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R727	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R1202	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R728	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R1203	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R729	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1204	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R730	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1205	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R731	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R1206	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R732	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R1209	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R733	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R1210	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R734	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R1211	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R735	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R1215	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R736	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R1216	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R737	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R1217	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R738	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R1218	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R739	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R1219	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R740	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R1220	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R741	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R1221	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R742	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R1222	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R743	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R1223	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R744	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R1224	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R745	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R1228	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R746	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R1229	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R747	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1230	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R748	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1231	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R751	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R1232	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R752	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R1233	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R753	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J		R1234	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R754	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R1235	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R755	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1236	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R756	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J		R1237	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R1251	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4049	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1252	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4050	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1253	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4052	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1254	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R4053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1255	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R4056	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1256	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4057	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R1257	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R4058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1258	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J		R4092	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1260	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		R4093	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1261	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4096	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1262	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4121	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1267	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4122	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1271	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R4123	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1272	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R4124	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1273	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R4125	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1274	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R4126	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1275	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R4251	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1276	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R4252	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1277	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R4253	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1278	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R4254	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1279	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R4255	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1280	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R4256	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1281	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		R4257	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1282	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4258	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1283	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4259	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1284	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4260	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1285	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R4261	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1286	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R4262	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1287	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R4263	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1291	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4264	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1292	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4265	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1294	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4266	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R1301	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4267	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4268	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R4269	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1305	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4270	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1306	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4271	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1307	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4272	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1308	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4273	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1309	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4274	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1310	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4275	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1312	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R4276	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1313	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R4277	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1321	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4278	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1322	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4279	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1323	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4280	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1324	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4281	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1331	NRZ0040-102X	NET RESISTOR	1kΩ 1/16W J x4		R4282	NRZ0034-122W	NET RESISTOR	1.2kΩ 1/32W J	
R1333	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4301	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1334	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4302	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1341	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4304	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1342	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1901	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D		R4306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1902	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D		R4307	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1903	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D		R4308	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1906	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4309	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4310	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4005	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R4311	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4006	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R4312	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4008	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R4318	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4319	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4011	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R4324	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4012	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R4325	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4013	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R4328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4018	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4329	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4020	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J		R4331	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4021	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R4332	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4023	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R4333	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R4025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4334	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R4026	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R4335	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R4027	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R4336	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R4028	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R4337	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R4031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4338	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R4033	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J		R4339	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4034	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R4340	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4036	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R4341	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4038	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4342	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4039	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R4343	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R4040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R4344	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R4041	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R4345	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4346	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4347	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4349	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4045	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4350	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4046	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4351	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4047	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4352	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4048	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R4353	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

3-20 (No.YA014)

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R7878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1201	NQL092M-180X	P COIL	18uH M	
R7879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L1202	NQL085J-101X	COIL	100uH J	
R7880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		L1203	NQL085J-101X	COIL	100uH J	
R7882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1205	NQR0413-003X	FERRITE BEADS		
R7883	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		L1901	NQL52EM-220X	COIL	22uH M	
R7884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L1902	NQL52EM-220X	COIL	22uH M	
R7885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		L1903	NQL52EM-220X	COIL	22uH M	
R7886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		L1905	NQL80CL-100X	COIL	10uH L	
R7887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L4001	NQL092K-2R2X	P COIL	2.2uH K	
R7888	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		L4002	NQL092K-2R2X	P COIL	2.2uH K	
R7889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		L4003	NQL092K-2R2X	P COIL	2.2uH K	
R7891	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		L4025	NQR0415-005X	EMI FILTER	0.1uF 25V M	
R7892	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L4026	NQR0415-005X	EMI FILTER	0.1uF 25V M	
R7893	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L4027	NQR0415-005X	EMI FILTER	0.1uF 25V M	
R7894	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L4028	NQR0415-005X	EMI FILTER	0.1uF 25V M	
R7895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		L4101	NQR0413-003X	FERRITE BEADS		
R7896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		L4102	NQR0413-003X	FERRITE BEADS		
R7897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		L4104	NQR0413-003X	FERRITE BEADS		
R7898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		L4107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R7902	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L4201	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R7904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		L4203	NQR0413-003X	FERRITE BEADS		
R7908	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		L4207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R7927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		L7301	NQR0351-003X	FERRITE BEADS		
R7929	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		L7302	NQR0351-003X	FERRITE BEADS		
R7931	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		L7303	NQL092K-R10X	P COIL	0.1uH K	
R7933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L7304	NQL092K-R10X	P COIL	0.1uH K	
R7934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		L7305	NQL092K-R10X	P COIL	0.1uH K	
R7940	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		L7306	NQL092K-2R2X	P COIL	2.2uH K	
R7941	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		L7307	NQL092K-2R2X	P COIL	2.2uH K	
R7943	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		L7308	NQL092K-2R2X	P COIL	2.2uH K	
R7944	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		L7601	NQR0351-001X	FERRITE BEADS		
R7945	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J		L7801	NQR0351-001X	FERRITE BEADS		
R7946	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J		L7802	NQR0351-001X	FERRITE BEADS		
R7947	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J		CN00H	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
R7948	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J		CN00J	QGA1501C2-06V	CONNECTOR	W-B (1-6)	
RA7301	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		CN00AH	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
RA7302	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		CN00AA	QGA2001C2-13V	CONNECTOR	W-B (1-13)	
RA7303	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		CN000B	QGA1501C2-13V	CONNECTOR	W-B (1-13)	
RA7304	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		CN000K	QGA1501C2-07V	CONNECTOR	W-B (1-7)	
RA7305	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		CN000T	QGA1501C2-10V	CONNECTOR	W-B (1-10)	
RA7306	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		CN000X	QGA1211C2-31X	CONNECTOR	W-B (1-31)	
RA7601	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		CN00AM	QGA1501C2-11V	CONNECTOR	W-B (1-11)	
RA7602	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		CN00C1	QGA2001F2-05V	CONNECTOR	W-B (1-5)	
RA7603	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		CN00C2	QGA1501F2-07V	CONNECTOR	W-B (1-7)	
RA7604	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		CN00C3	QGA2001F2-05V	CONNECTOR	W-B (1-5)	
RA7605	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		CN00C4	QGA1501F2-08V	CONNECTOR	W-B (1-8)	
RA7606	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		CN00C5	QGA2001C2-07V	CONNECTOR	W-B (1-7)	
RA7609	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		K001	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	
L001	NQL092K-4R7X	COIL	4.7uH K		K002	NQR0389-003X	FERRITE BEADS		
L003	NQL092K-4R7X	COIL	4.7uH K		K003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L005	NQL092K-4R7X	COIL	4.7uH K		K004	NQR0389-003X	FERRITE BEADS		
L006	NQL092K-4R7X	COIL	4.7uH K		K1203	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L007	NQL092K-4R7X	COIL	4.7uH K		K1204	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L008	NQL092K-4R7X	COIL	4.7uH K		K4301	NQR0413-003X	FERRITE BEADS		
L009	NQL034K-4R7X	COIL	4.7uH K		K4302	NQR0413-003X	FERRITE BEADS		
L010	NQL092K-4R7X	COIL	4.7uH K		K7301	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K7302	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L012	NQL092K-4R7X	COIL	4.7uH K		K7303	NQR0351-003X	FERRITE BEADS		
L013	NQL092K-4R7X	COIL	4.7uH K		K7801	NQR0351-001X	FERRITE BEADS		
L014	NQL092K-4R7X	COIL	4.7uH K		K7803	NQR0351-001X	FERRITE BEADS		
L015	NQL034K-4R7X	COIL	4.7uH K		K7804	NQR0351-001X	FERRITE BEADS		
L016	NQL034K-4R7X	COIL	4.7uH K		LC001	NQR0415-003X	EMI FILTER	0.47uF 16V M	
L022	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		LC002	NQR0415-003X	EMI FILTER	0.47uF 16V M	
L302	NQL092K-3R3X	COIL	3.3uH K		LC006	NQR0415-005X	EMI FILTER	0.1uF 25V M	
L331	NQL092K-6R8X	P COIL	6.8uH K		LC007	NQR0479-001X	EMI FILTER		
L351	NQL092K-100X	COIL	10uH K		LC008	NQR0415-005X	EMI FILTER	0.1uF 25V M	
L402	NQR0413-003X	FERRITE BEADS			LC009	NQR0415-005X	EMI FILTER	0.1uF 25V M	
L751	NQL092K-6R8X	P COIL	6.8uH K		LC010	NQR0415-005X	EMI FILTER	0.1uF 25V M	
L752	NQL092K-6R8X	P COIL	6.8uH K		LC011	NQR0415-005X	EMI FILTER	0.1uF 25V M	
L753	NQL092K-6R8X	P COIL	6.8uH K		LC012	NQR0415-005X	EMI FILTER	0.1uF 25V M	
L754	NQL092M-270X	P COIL	27uH M		LC013	NQR0415-005X	EMI FILTER	0.1uF 25V M	
L761	NQL034K-220X	P COIL	22uH K		LC015	NQR0479-001X	EMI FILTER		
L762	NQL034K-101X	P COIL	100uH K		LC016	NQR0479-001X	EMI FILTER		
L763	NQL034K-220X	P COIL	22uH K		LC017	NQR0479-001X	EMI FILTER		
L764	NQL034K-101X	P COIL	100uH K		LC018	NQR0415-005X	EMI FILTER	0.1uF 25V M	
L765	NQL034K-101X	P COIL	100uH K		LC108	NQR0479-001X	EMI FILTER		
L766	NQL034K-220X	P COIL	22uH K		LC109	NQR0415-005X	EMI FILTER	0.1uF 25V M	
L767	NQL034K-220X	P COIL	22uH K		LC301	NQR0450-004X	EMI FILTER	100pF 50V M	
L768	NQR0413-003X	FERRITE BEADS			LC1051	NQR0450-008X	EMI FILTER	2200pF 50V M	
L769	NQL092M-180X	P COIL	18uH M		LC1052	NQR0450-008X	EMI FILTER	2200pF 50V M	
L1001	NQR0413-003X	FERRITE BEADS			LC1053	NQR0450-008X	EMI FILTER	2200pF 50V M	
L1002	NQR0413-003X	FERRITE BEADS			LC1201	NQR0415-005X	EMI FILTER	0.1uF 25V M	
L1004	NQR0413-003X	FERRITE BEADS			LC1202	NQR0415-005X	EMI FILTER	0.1uF 25V M	
L1005	NQR0413-003X	FERRITE BEADS			LC1203	NQR0415-005X	EMI FILTER	0.1uF 25V M	
L1006	NQR0413-003X	FERRITE BEADS			LC1204	NQR0415-005X	EMI FILTER	0.1uF 25V M	
L1101	NQL092K-6R8X	P COIL	6.8uH K		LC1205	NQR0415-005X	EMI FILTER	0.1uF 25V M	

△Ref No.	Part No.	Part Name	Description	Local
LC1206	NQR0415-005X	EMI FILTER	0.1uF 25V M	
LC1301	NQR0415-005X	EMI FILTER	0.1uF 25V M	
LC1305	NQR0415-005X	EMI FILTER	0.1uF 25V M	
LC1306	NQR0415-005X	EMI FILTER	0.1uF 25V M	
LC1307	NQR0415-005X	EMI FILTER	0.1uF 25V M	
LC1308	NQR0479-001X	EMI FILTER		
LC1309	NQR0479-001X	EMI FILTER		
LC1310	NQR0479-001X	EMI FILTER		
X001	NAX0644-001X	CRYSTAL	6.000000MHz	
X301	NAX0118-001X	CRYSTAL	20.000MHz	
X701	NAX0621-001X	CRYSTAL	16.200MHz	
X4101	NAX0636-001X	CXO	10.000MHz	
X4201	NAX0637-001X	CXO	74.1758MHz	
X7801	NAX0497-001X	C RESONATOR	10.000MHz	

REMOTE CONTROL UNIT PARTS LIST (RM-C1808-1C)

△Ref No.	Part No.	Part Name	Description	Local
	2AA070311	BATTERY COVER		

PACKING PARTS LIST

△	Ref.No.	Part No.	Part Name	Description	Local
	001	AEM1002-084-E	PACKING CASE		
	002	AEM1066-026-E	EURO LABEL		LT-26C31BJE
	002	AEM1066-025-E	EURO LABEL		LT-26C31BUE
	002	AEM1066-028-E	EURO LABEL		LT-26C31SJE
	002	AEM1066-027-E	EURO LABEL		LT-26C31SUE
	003	AEM3384-001A-U	CUSHION		
	004	LC11697-002A-U	CUSHION ASSY	4pcs 1 set	
	005	QPH02002005	POLY SHEET	20cm x 20cm	
	009	LC41664-001A	SET COVER		
	010	AEM1067-002A-U	POLY BAG		
	011	LCT1527-001A-U	INST SHEET		
	012	LC41748-001A	PROTECT SHEET		
	013	-----	BATTERY	AA/R6(x2)	
	014	RM-C1808-1C	REMOCON	Incl. POLY BAG	
	015	BT-54013-6E	WARRANTY CARD		
	016	QPA02503505P	POLY BAG	25cm x 35cm	
△	017	LCT1484-001A-U	INST BOOK	German/French/English	
△	018	LCT1485-001A-U	INST BOOK	Spanish/Portuguese/Italian/Dutch	LT-26C31BUE,LT-26C31SUE
△	019	LCT1486-001A-U	INST BOOK	Danish/Finn/Norwegian/Swedish	LT-26C31BUE,LT-26C31SUE
△	020	LCT1487-001A-U	INST BOOK	Russian/Romanian/Czech/Polish/Hungarian/Bulgarian	LT-26C31BUE,LT-26C31SUE
	021	LCT1504-001A-U	CAUTION SHEET		

PACKING

